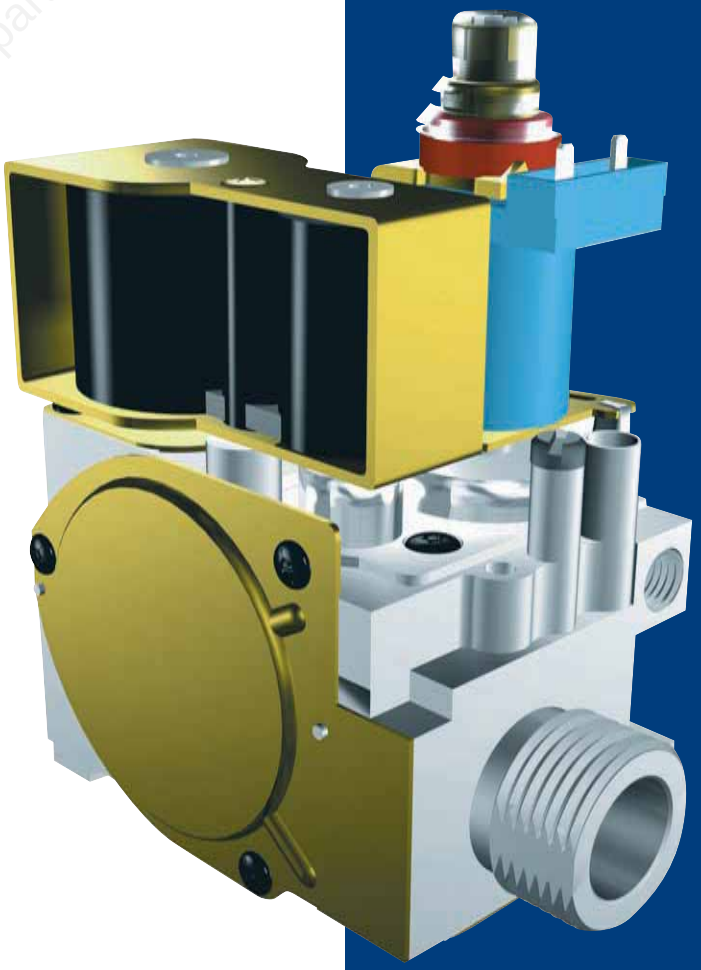
SIT Group

PRODUCT LINE



2011

Welcome to the SIT Product Line catalogue

The main scope of the catalogue is to facilitate accurate identification of the products for correct purchase and use.
To consolidate and increase the service, the new edition includes an update of 848 Sigma multifunctional gas controls, pilot burners series and thermocouples series.

For over 50 years, SIT safety and regulation devices have been chosen by appliance manufacturers to equip a great number of boilers, stoves, water heaters, ovens, fryers, large kitchens and other gas appliances. Currently four million come into service every year.

The strength, operating precision and reliability combined with a long working life are the secret behind such widespread production.
The ISO 9001 : 2000 certification procedures are strictly applied in the SIT factories and every part of every single product is tested before despatch to the customer.

When a spare is necessary, SIT's policy is to ensure that all their Customers will be able to replace any device with the same model or with others of equivalent characteristics.

As well as the more complex multifunctional controls, a considerable series of accessories is made available to the Customer for a wide range of applications: normal or interrupted thermocouples, connectors, piezo-electric and electronic igniters, detection and ignition probes, connection fittings, flanges and so forth.

With a view to our service to our customers, the Product Line catalogue permits fast and correct identification for the most suitable product for your needs.

Product Line

Contents

GENERAL NOTES FOR USING THE CATALOGUE

The SIT Products Line catalogue is the tool for seeking and identifying products and accessories. Its structure has been conceived to facilitate this operation.

The procedures for recognising the identification codes of the products to replace are described in the first part. These allow you to find the description and characteristics of the suitable spares in the catalogue.

The middle part lists the spare parts and accessories ordered according to product series.

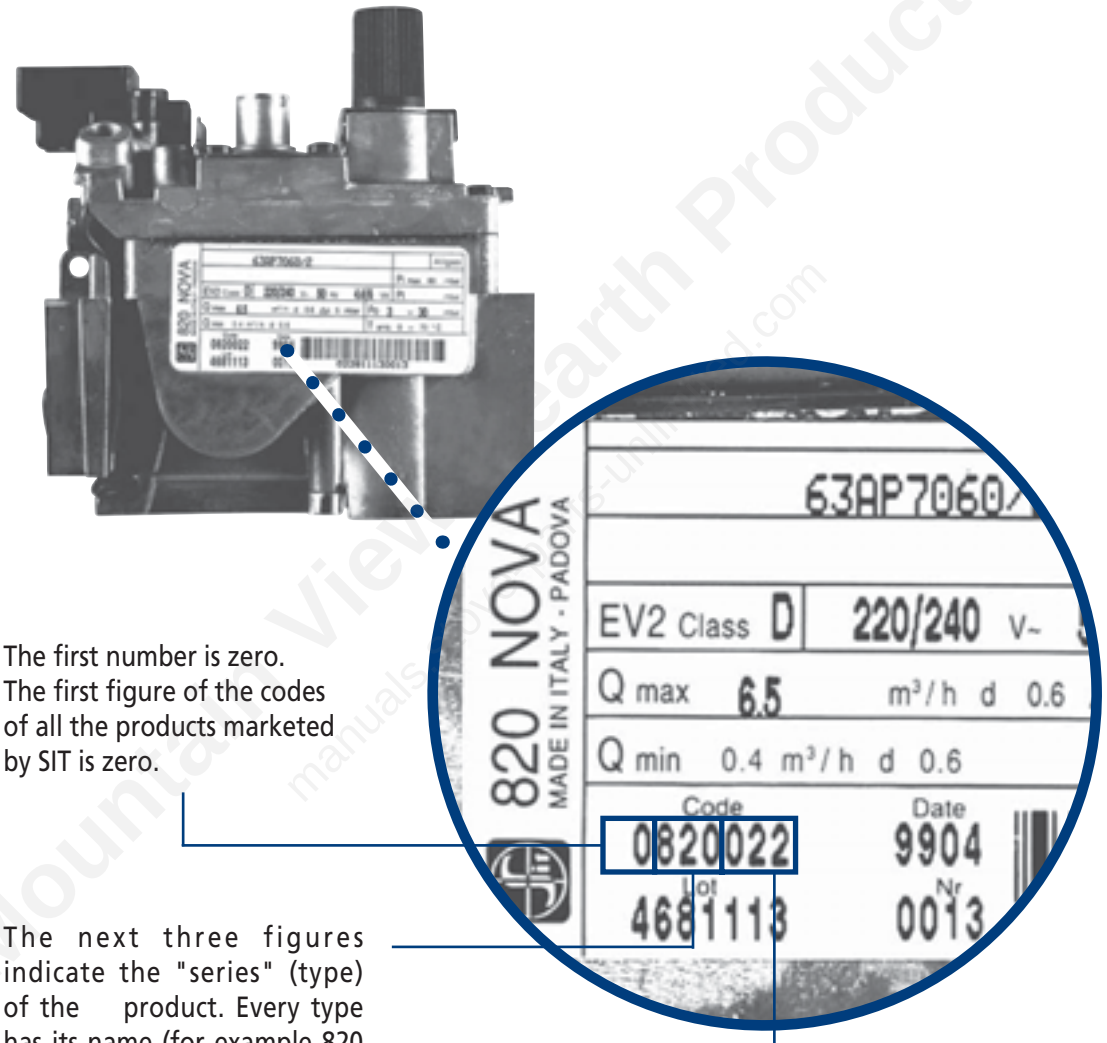
Finally, some useful information on the product and on the reference standards is provided.

The most common SIT codes are indicated in the Product Line catalogue. If you do not find the code you are interested in, please contact our offices which are completely at your disposal for all information or clarification whether of a technical or commercial nature.

You will find our contact addresses on page 8.

HOW TO IDENTIFY THE MOST SUITABLE SPARE

The correct choice of the spare part requires the identification of the product to replace. The SIT codes unequivocally identify the product and are printed on all the products. The SIT codes are always composed of seven figures.



The first number is zero.
The first figure of the codes of all the products marketed by SIT is zero.

The next three figures indicate the "series" (type) of the product. Every type has its name (for example 820 "NOVA").
The products shown in the catalogue are ordered by series.

The last three figures identify the specific product within the series and therefore unequivocally identify all its characteristics.

WHO TO ASK

It can often happen that you need clarification or information, for example, about the possibility of getting a certain spare part code, technical characteristics of a control, or more detailed information regarding an accessory.
We are at your disposal during office hours at the following numbers for these or other requirements:

SIT la precisa

Viale dell'Industria, 32

35129 PADOVA - ITALY

Tel. +39/049.829.31.11, Fax +39/02.700.464.28

sit.italy@sitgroup.it

Your impressions of our catalogue are very precious for us. Please therefore communicate them to us so that we can provide you with a better service.

TECHNICAL FEATURES

Pilot Burners

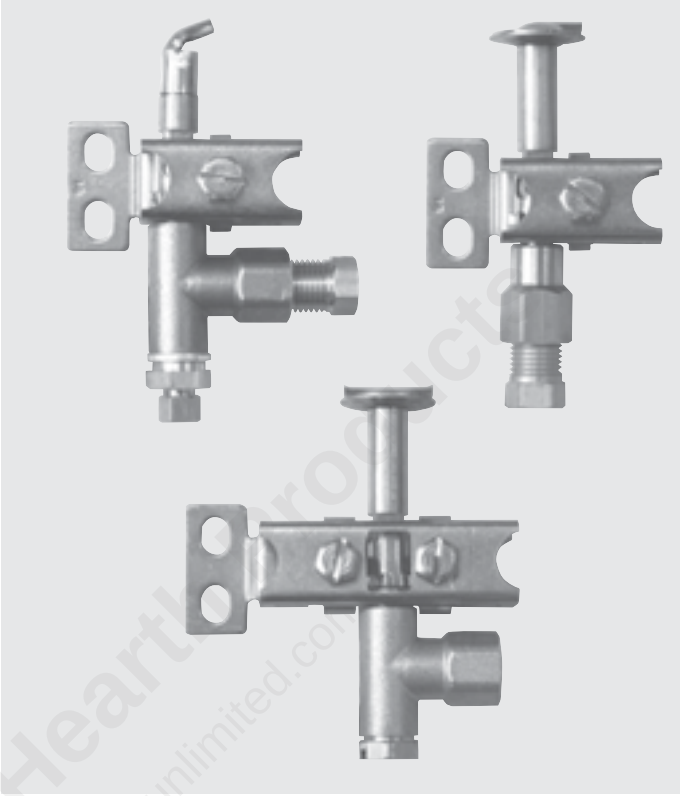
100 SERIES
140 SERIES
145 SERIES
150 SERIES
160 SERIES
190 SERIES
PRIMEAIR SERIES
OXYPROTECTOR 8200 SERIES
OXYPROTECTOR 8300 SERIES
OXYPROTECTOR 8400 SERIES
OXYPROTECTOR 8550 SERIES
OXYPROTECTOR 85/86/8750 SERIES
OXYPILOT 9000 SERIES

PILOT 100 SERIES

CHARACTERISTICS

- 1-2-3 flame hoods with different orientations
- spark electrode available
- 4 mm, 6 mm and 1/4" pilot tube shear-off
- 2 or 3 positions brakets, for use with thermocouples with unified sleeve (unless otherwise specified)
- horizontal or vertical gas inlet
- internal or external gas adjustment, or fixed injector.

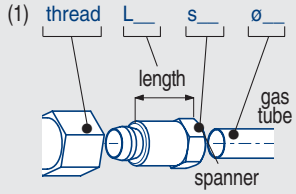
The energy consumption is approximately 210 W.



CODE	Pilot hood N. flames	Injector ø [mm]	Gas connection (1)	Orientation/ N. positions (2)	Gas type (3)	Gas inlet gas adjustment
0.100.001	3	0.20	M10x1 L16 s10 ø6 mm	420/3	multigas	horizontal, internal adjustment
0.100.004	3	0.35	M10x1 L16 s10 ø6 mm	420/3	multigas	horizontal, internal adjustment
0.100.005	3	0.40	M10x1 L16 s10 ø6 mm	420/3	multigas	horizontal, internal adjustment
0.100.006	3	0.45	M10x1 L16 s10 ø6 mm	420/3	multigas	horizontal, internal adjustment
0.100.009	3	0.20	M10x1 L16 s10 ø4 mm	420/3	multigas	horizontal, internal adjustment
0.100.011	3	0.35	M10x1 L16 s10 ø1/4"	410/3	multigas	horizontal, internal adjustment
0.100.013	1	0.20	M10x1 L16 s10 ø6 mm	120/2	multigas	horizontal, internal adjustment
0.100.016	1	0.20	M10x1 L16 s10 ø4 mm	120/2	multigas	horizontal, internal adjustment
0.100.017	1	0.20	M10x1 L16 s10 ø1/4"	120/2	multigas	horizontal, internal adjustment
0.100.020	2	0.20	M10x1 L16 s10 ø6 mm	220/2	multigas	horizontal, internal adjustment
0.100.022	2	0.40	M10x1 L16 s10 ø6 mm	220/2	multigas	horizontal, internal adjustment
0.100.024	2	0.20	M10x1 L16 s10 ø1/4"	220/2	multigas	horizontal, internal adjustment
0.100.025	3	0.20	M10x1 L16 s10 ø6 mm	320/2	multigas	horizontal, internal adjustment
0.100.054	3	0.22	M10x1 L16 s10 ø4 mm	420/3	multigas	horizontal, internal adjustment
0.100.062	3	0.25	M10x1 L16 s10 ø1/4"	420/3	multigas	horizontal, internal adjustment
0.100.065	2	0.30	M10x1 L16 s10 ø1/4"	220/2	multigas	horizontal, internal adjustment
0.100.066	3	0.35	M10x1 L16 s10 ø1/4"	320/2	multigas	horizontal, internal adjustment
0.100.068	1	0.35	M10x1 L16 s10 ø6 mm	120/2	multigas	horizontal, internal adjustment
0.100.078	3	0.20	M10x1 L16 s10 ø1/4"	410/3	multigas	horizontal, internal adjustment
0.100.082	3	0.20	M10x1 L16 s10 ø6 mm	410/3	multigas	horizontal, internal adjustment
0.100.088	3	0.24	7/16 ASA L16 s11 ø1/4"	421/3	multigas	horizontal, internal adjustment
0.100.089	1	0.20	M10x1 L16 s10 ø6 mm	111/2	multigas	horizontal, internal adjustment
0.100.091	1	0.35	M10x1 L16 s10 ø4 mm	120/2	multigas	horizontal, internal adjustment

CODE	Pilot hood N. flames	Injector ø [mm]	Gas connection (1)	Orientation/ N. positions (2)	Gas type (3)	Gas inlet gas adjustment
0.100.092	2	0.24	7/16 ASA L16 s11 ø1/4"	220/2	multigas	horizontal, internal adjustment
0.100.094	3	0.45	M10x1 L16 s10 ø1/4"	410/3	multigas	horizontal, internal adjustment
0.100.098	3	0.24	1/4 ASA L15 s11 ø3/16"	421/3	multigas	horizontal, internal adjustment
0.100.100	3	0.30	M10x1 L16 s10 ø6 mm	410/3	multigas	horizontal, internal adjustment
0.100.102	2	0.30	M10x1 L16 s10 ø6 mm	120/2	multigas	horizontal, internal adjustment
0.100.103	1	0.35	M10x1 L16 s10 ø6 mm	120/2	multigas	horizontal, internal adjustment
0.100.104	3	0.20	M10x1	420/3	multigas	horizontal, internal adjustment
0.190.015	3	0.20	M10x1 L16 s10 ø6 mm	314/2	multigas	horizontal, internal adjustment
0.190.025	1	0.20	M10x1 L16 s10 ø6 mm		multigas	horizontal, internal adjustment
0.190.061	1	0.20	M10x1 L16 s10 ø6 mm		multigas	horizontal, internal adjustment
0.190.083	3	0.35	M10x1 L16 s10 ø4 mm	420/3	multigas	horizontal, internal adjustment
0.190.089	3	0.25	M10x1 L16 s10 ø6 mm	314/2	multigas	horizontal, internal adjustment
0.190.102		0.20	M10x1 L16 s10 ø4 mm	- /E10 (4)	multigas	horizontal, internal adjustment
0.190.104	3	0.35	M10x1 L16 s10 ø6 mm	410/3	multigas	horizontal, internal adjustment
0.190.108	3	0.20	M10x1	423/E8 (4)	multigas	horizontal, internal adjustment
0.190.901	1	0.18	M10x1		multigas	horizontal, internal adjustment
0.190.902		0.20	M10x1 L16 s10 ø6 mm		multigas	horizontal, internal adjustment
0.190.904	1	0.35	M10x1		multigas	horizontal, internal adjustment
0.190.905		0.35	M10x1		multigas	horizontal, internal adjustment
G1.801.122	1	0.21	M10x1	110/2	multigas	horizontal, internal adjustment
G1.801.124	1	0.40	M10x1	110/2	multigas	horizontal, internal adjustment
G1.801.132	1	0.21	M10x1	414/3	multigas	horizontal, internal adjustment
G1.801.222	2	0.21	M10x1	210/2	multigas	horizontal, internal adjustment
G1.801.224	2	0.40	M10x1	220/2	multigas	horizontal, internal adjustment
G1.801.232	2	0.21	M10x1	413/3	multigas	horizontal, internal adjustment
G1.801.322	3	0.21	M10x1	310/2	multigas	horizontal, internal adjustment
G1.801.325	3	0.35	M10x1	310/2	multigas	horizontal, internal adjustment
G1.801.332	3	0.21	M10x1	410/3	multigas	horizontal, internal adjustment
G1.801.334	3	0.40	M10x1	410/3	multigas	horizontal, internal adjustment
G1.801.339	3	0.35	M10x1	410/3	multigas	horizontal, internal adjustment
G1.802.122	1	0.21	M10x1 L16 s10 ø6 mm	110/2	LPG	vertical, interchangeable injector
G1.802.132	1	0.21	M10x1 L16 s10 ø6 mm	414/3	LPG	vertical, interchangeable injector
G1.802.222	2	0.21	M10x1 L16 s10 ø6 mm	210/2	LPG	vertical, interchangeable injector
G1.802.224	2	0.40	M10x1 L16 s10 ø6 mm	210/2	NG	vertical, interchangeable injector
G1.802.322	3	0.21	M10x1 L16 s10 ø6 mm	310/2	LPG	vertical, interchange
G1.802.332	3	0.21	M10x1 L16 s10 ø6 mm	410/3	LPG	vertical, interchangeable injector
G1.802.334	3	0.40	M10x1 L16 s10 ø6 mm	410/3	NG	vertical, interchangeable injector
G1.803.332	3	0.21	M10x1 L16 s10 ø6 mm	410/3	LPG	horizontal, interchangeable injector
G1.803.334	3	0.40	M10x1	410/3	NG	horizontal, interchangeable injector

(1)

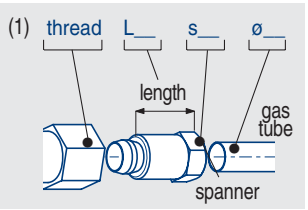


(2) see pag. 13

(3) multigas: LPG or NG.
LPG: IIIrd family gas.
NG: IInd family gas (natural gas).

(4) see pag. 52

CODE	Pilot hood N. flames	Injector ø [mm]	Gas connection (1)	Orientation/ N. positions (2)	Gas type (3)	Gas inlet gas adjustment
G1.807.002	1	0.24	M10x1 L16 s10 ø6 mm	110/2	multigas	horizontal, external adjustment
G1.807.121	1	0.21	M10x1 L16 s10 ø4 mm	110/2	multigas	horizontal, external adjustment
G1.807.122	1	0.24	M10x1	110/2	multigas	horizontal, external adjustment
G1.809.125	1	0.25	M10x1 L16 s10 ø4 mm	110/2	multigas	horizontal, internal adjustment
G1.809.335	3	0.25	M10x1 L16 s10 ø4 mm	420/3	multigas	horizontal, internal adjustment
G1.824.122	1	0.21	M10x1 L16 s10 ø6 mm	110/2	multigas	horizontal, internal adjustment
G1.824.124	1	0.40	M10x1 L16 s10 ø6 mm	110/2	multigas	horizontal, internal adjustment
G1.824.222	2	0.21	M10x1 L16 s10 ø6 mm	210/2	multigas	horizontal, internal adjustment
G1.824.325	3	0.25	M10x1 L16 s10 ø6 mm	310/2	multigas	horizontal, internal adjustment
G1.824.335	3	0.25	M10x1 L16 s10 ø6 mm	410/3	multigas	horizontal, internal adjustment
G1.825.233	2	0.35	M10x1	413/3	NG	horizontal, interchangeable injector
G1.825.332	3	0.21	M10x1	410/3	LPG	horizontal, interchangeable injector
G1.825.333	3	0.35	M10x1	410/3	NG	horizontal, interchangeable injector
G1.825.335	3	0.40	M10x1	410/3	NG	horizontal, interchangeable injector

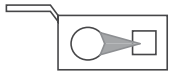
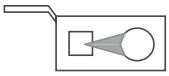
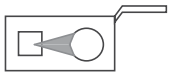
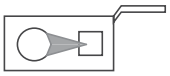
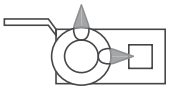
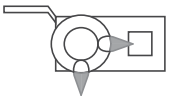
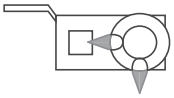
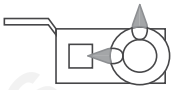
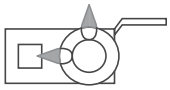
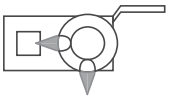
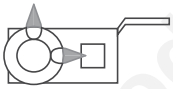
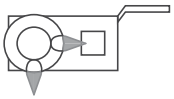
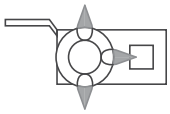
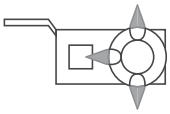
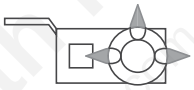
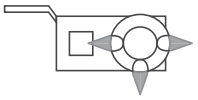
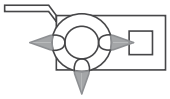
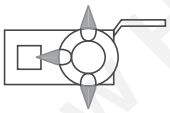
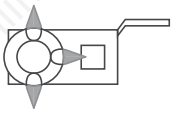
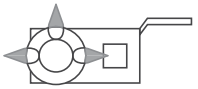
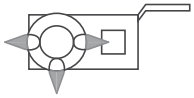
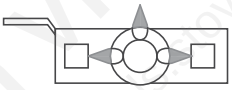
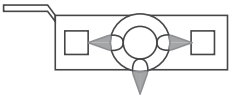
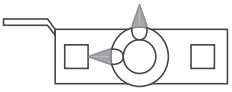
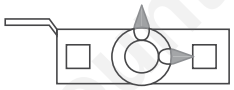
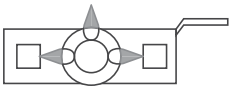
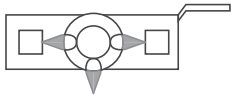
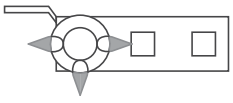
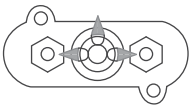


(2) see pag. 13

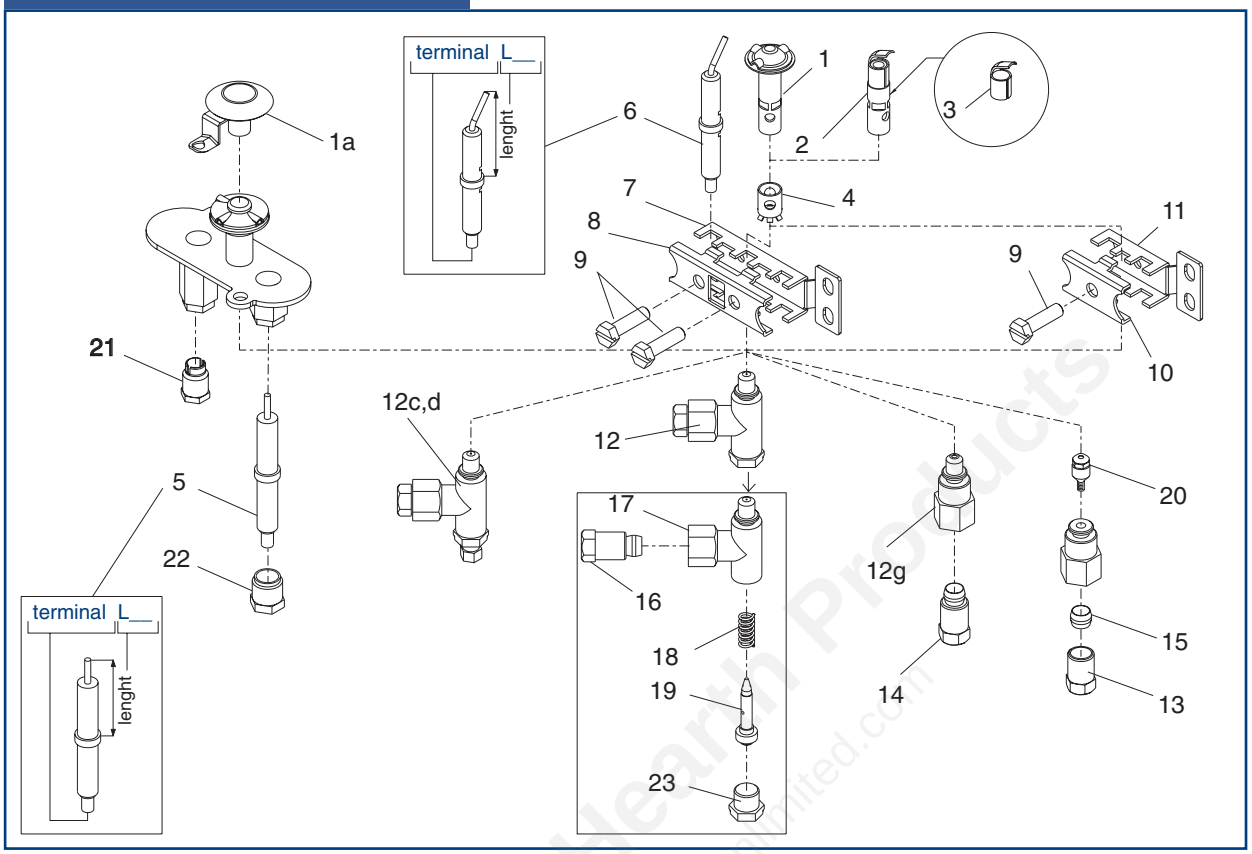
(3) multigas: LPG or NG.
LPG: IIIrd family gas.
NG: IInd family gas (natural gas).

(4) see pag. 52

ORIENTATIONS

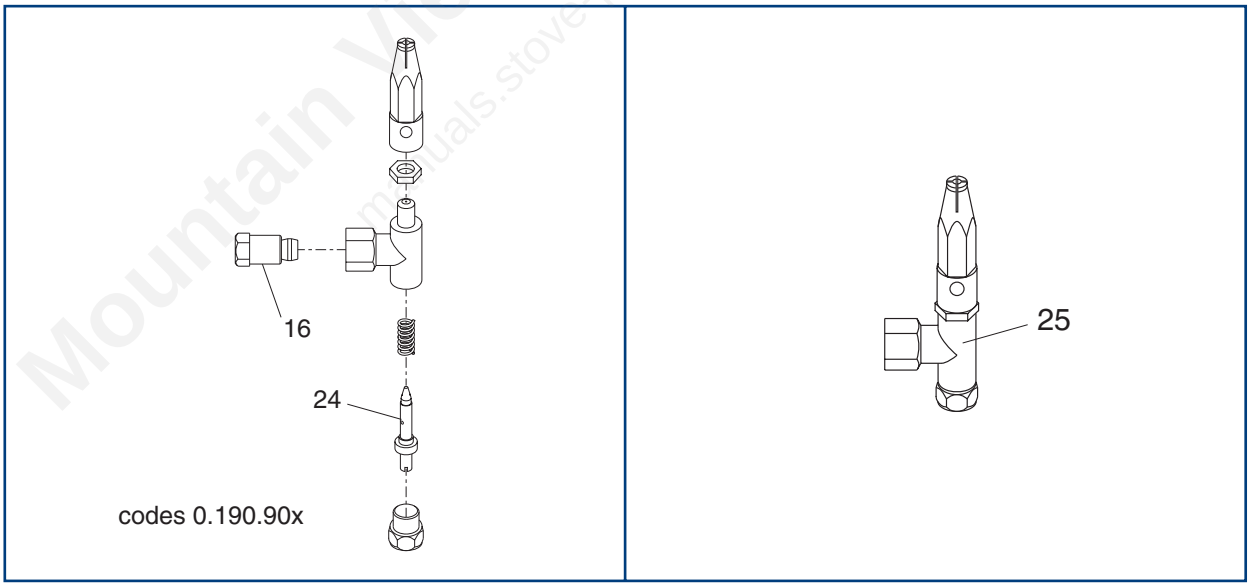
110 	111 	120 	121 
210 	211 	212 	213 
220 	221 	222 	223 
310 	311 	312 	313 
314 	320 	321 	322 
323 	410 	411 	412 
413 	414 	420 	421 
422 	423 		

ACCESSORIES



N.	CODE	Description	Quantity
1a	0.975.054	Three flames pilot head for 0.190.102	100
1b	0.975.004	Three flames pilot head (2 holes ø3.6 mm)	100
1c	0.975.016	Two flames pilot head (2 holes ø3.6 mm)	100
1d	0.975.061	Three flames pilot head (2 holes ø2.5 mm)	100
2	0.975.015	One flame pilot head (2 holes ø3.6 mm)	100
3	0.976.001-G6.053.004	One flame pilot head	100
4	0.912.001	Air shutter	100
5a	0.915.024	Spark electrode straight M4x1 pin L 26.4 mm	100
5b	0.915.025	Spark electrode straight ø2.4 pin L 26.4 mm	100
5c	G6.058.005	Spark electrode straight M4 pin L 29.0 mm	100
6a	0.915.036	Spark electrode bent M4x1 pin L 26.5 mm	100
6b	0.915.037	Spark electrode bent ø2.4 pin L 26.5 mm	100
6c	0.915.040	Spark electrode bent special M4x1 pin L 23.6 mm	100
6d	0.915.044	Spark electrode bent special M4x1 pin L 23.2 mm	100
6e	0.915.055	Spark electrode bent special M4x1 pin L 25.0 mm	100
6f	G6.058.011	Spark electrode bent square M4x0.7 pin L 26.0 mm	100
7	0.978.003-G6.055.002	Clamp and bracket (3 positions bracket)	100
8	0.978.004-G6.056.002	Clamp and bracket (3 positions clamp)	100
9	0.953.007-G6.031.005	Clamp screw UNI 5739 TE3 (3/16"x18 mm) for bracket	100
10	0.978.009-G6.056.001	Clamp and bracket (2 positions clamp)	100
11	0.978.021-G6.055.001	Clamp and bracket (2 positions bracket)	100
12a	0.901.067	Body with ø0.20 mm injector and ø6 mm pilot tube shear-off	100
12b	0.901.278	Body with ø0.30 mm injector and ø4 mm pilot tube shear-off	100
12c	G2.001.004	Body with ø0.24 mm injector external adjustment and ø6 mm pilot tube shear-off	100
12d	G3.001.021	Body with ø0.21 mm injector ext. adjust. and ø4/ø6 mm tube without pilot tube shear-off	100
12e	0.901.401	Body with ø0.20 mm injector for 0.190.108	100
12f	G4.001.012	Body with ø0.21 mm injector and ø4/ø6 mm tube without pilot tube shear-off	100

N.	CODE	Description	Quantity
12g	0.901.502	Body with ø0.35 mm injector	100
13a	G6.032.006	Nut for ø6 mm (M10x1 L12.5 s10)	100
13b	G6.032.049/A	Nut for ø4 mm (M10x1 L11 s10)	100
13c	G6.032.094	Nut for ø3/16" (M10x1 L11 s10)	100
14-16	0.958.030-G6.032.080	ø4 mm pilot tube shear-off (M10x1 L16 s10)	100
14-16	0.958.031-G6.032.072	ø6 mm pilot tube shear-off (M10x1 L16 s10)	100
14-16	0.958.032	ø1/4" pilot tube shear-off (M10x1 L16 s10)	100
14-16	G6.032.071	ø1/4" pilot tube shear-off (M10x1 L12 s10)	100
15a	G6.033.007	ø1/4" olive	100
15b	G6.033.009	ø4 mm olive	100
15c	G6.033.012	ø3/16" olive	100
17a	0.901.210	Body with ø0.25 mm injector	100
17b	0.901.401	Body with ø0.20 mm injector	100
17c	0.901.404	Body with ø0.35 mm injector	100
17d	0.901.405	Body with ø0.40 mm injector	100
18	0.900.047	Spring for pilot body 0.100	100
19a	0.977.028	ø0.20 mm injector assembly	100
19b	0.977.029	ø0.30 mm injector assembly	100
19c	0.977.030	ø0.20 mm injector assembly	100
19d	0.977.031-G5.057.022	ø0.35 mm injector assembly	100
19e	0.977.032-G5.057.006	ø0.40 mm injector assembly	100
19f	0.977.033	ø0.45 mm injector assembly	100
19g	0.977.051-G5.057.025	ø0.25 mm injector assembly	100
19h	G5.057.007	ø0.21 mm injector assembly	100
20a	G6.057.035	ø0.35 mm monogas interchangeable injector	100
20b	G6.057.036	ø0.21 mm monogas interchangeable injector	100
21	0.974.036	TC fixing nut (M10x1 L15 s10)	100
22	0.974.037	Spark electrode fixing nut (M10x1 L11 s10)	100
23	G6.040.005	Body screw plug	100



N.	CODE	Description	Quantity
16	0.958.031	ø6 mm pilot tube shear-off (M10x1 L16 s10)	100
24a	0.977.151	ø0.20 mm injector special for 0.190.90x	100
24b	0.977.163	ø0.30 mm injector special for 0.190.90x	100
25a	G3.001.024	Body with ø0.35 mm injector and ø4/ø6 mm pilot tube shear-off with pilot hood	100
25b	G3.001.031	Body with ø0.21 mm injector and ø4/ø6 mm pilot tube shear-off with pilot hood	100

PILOT 140 SERIES

CHARACTERISTICS

- various types of brackets
- 1 or 2 flame hoods
- with or without spark electrode
- 2 different height levels of the beam flame
- 4 mm, 6 mm and 1/4" pilot tube shear-off.

The energy consumption is approximately 115 W.

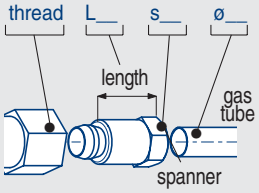
CODE	Pilot hood N. flames	Bracket [1] - TC sleeve [2]	Spark electrode [3]	Injector mark	Gas connection [4]	TC connection [4]	Gas type [5]
0.140.001	1	B7 - target			M10x1	M10x1 L15 s10	
0.140.005	2	B5 - target	2b	27	M10x1 L10.5 s10 ø4 mm	M10x1 L15 s10	NG
0.140.011	2	B5 - target			M10x1	M10x1 L15 s10	
0.140.015	2	B6 - unified			M10x1	M10x1 L15 s10	
0.140.017	1	B39 - target			M10x1	M10x1	
0.140.018	1	B9 - unified			M10x1	M10x1 L15 s10	
0.140.019	1	B1 - target			M10x1	M10x1	
0.140.020	2	B1 - target			M10x1	M10x1	
0.140.021	1	B4 - target			M10x1	M10x1	
0.140.022	2	B4 - target			M10x1	M10x1	
0.140.023	1	B16 - unified			M10x1	M10x1	
0.140.024	2	B13 - target	2b		M10x1	M10x1 L15 s10	
0.140.026	1	B22 - target			M10x1	M10x1	
0.140.027	2	B13 - target			M10x1	M10x1	
0.140.028	1	B17 - unified			M10x1	M10x1 L15 s10	
0.140.029	2	B22 - target			M10x1	M10x1	

(1) see pag. 51 to pag. 53

(2) see pag. 59

(3) see Accessories pag. 17

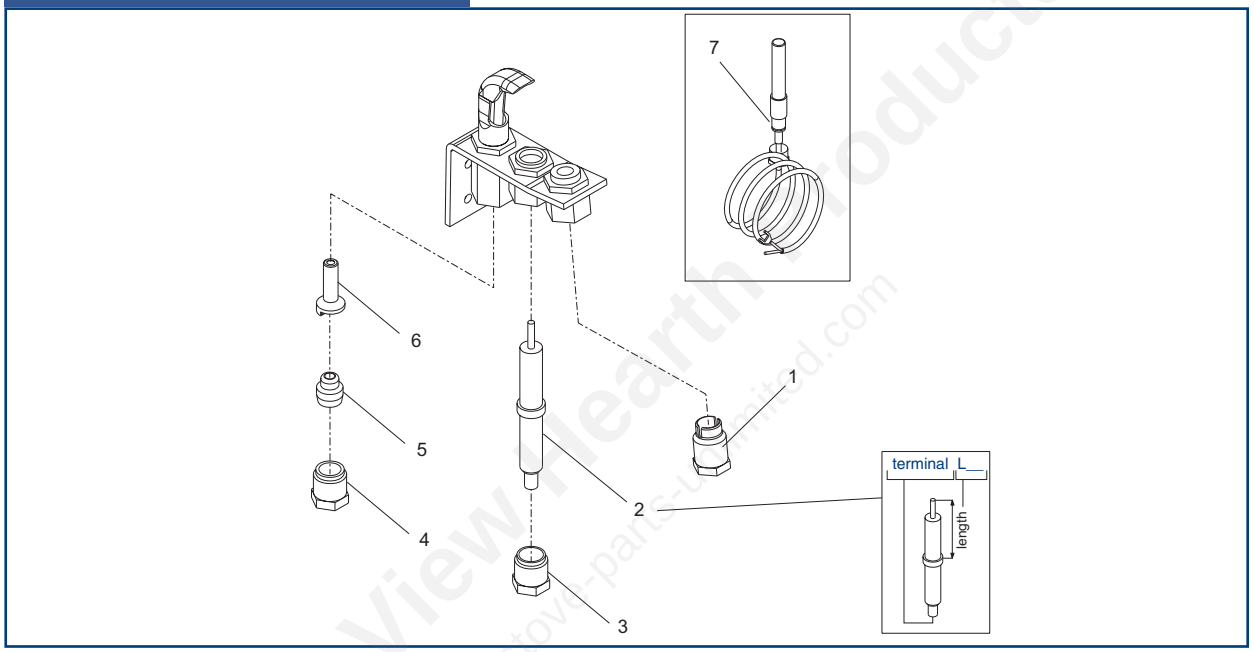
(4)



(5) LPG: III[rd] family gas.
NG: II[nd] family gas (natural gas).

CODE	Pilot hood N. flames	Bracket [1] - TC sleeve [2]	Spark electrode [3]	Injector mark	Gas connection [4]	TC connection [4]	Gas type [5]
0.140.031	2	B6 - unified	2c	37	M10x1 L10.5 s10 ø4 mm	M10x1 L15 s10	NG
0.140.035	2	B6 - unified	2c	20	M10x1 L10.5 s10 ø4 mm	M10x1 L15 s10	LPG
0.140.037	2	B6 - unified	2c	32	M10x1 L10.5 s10 ø4 mm	M10x1 L15 s10	NG
0.140.058	2	B39 - target	2c	32	M10x1	M10x1	
0.140.102	1	B21 - A14			M10x1		
0.140.104	1	B24 - unified			M10x1	M10x1	

ACCESSORIES



N.	CODE	Description	Quantity
1	0.974.036	TC fixing nut (M10x1 L15 s10)	100
2a	0.915.009	Spark electrode straight M4x1 pin L 27.7 mm	100
2b	0.915.024	Spark electrode straight M4x1 pin L 26.4 mm	100
2c	0.915.025	Spark electrode straight ø2.4 pin L 26.4 mm	100
3	0.974.037	Spark electrode fixing nut (M10x1 L11 s10)	100
4a	0.958.011	Nut for ø6 mm (M10x1 L10.5 s10)	100
4b	0.958.013	Nut for ø4 mm (M10x1 L10.5 s10)	100
4c	0.958.018	Nut for ø1/4" (M10x1 L10.5 s10)	100
4d	0.958.046	Nut for ø4 mm (M10x1 L10.5 s10)	100
4e	0.958.047	Nut for ø6 mm (M10x1 L11 s10)	100
5a	0.957.009	ø4 mm olive (target)	100
5b	0.957.010	ø6 mm olive (target)	100
5c	0.957.011	ø1/4" olive	100
6a	0.977.099	ø0.60/ø0.40 mm NG injector target marked 32	100
6b	0.977.113	ø0.40/ø0.38 mm NG injector target marked 27	100
6c	0.977.114	ø0.50 mm town injector target marked 50	100
6d	0.977.115	ø0.18/ø0.20 mm LPG injector target marked 14	100
6e	0.977.132	ø0.60/ø0.55 mm NG injector target marked 37	100
6f	0.977.147	ø0.60/ø0.38 mm LPG injector marked 29	100
6g	0.977.150	ø0.28 mm LPG injector target marked 23	100
7	0.940.002	Millivoltage generator [2]	100
n.d.	0.948.058	Gasket for pilot body (dim. 68x24 mm)	100
n.d.	0.948.060	Gasket for pilot body (dim. 71x26 mm)	100

PILOT 145 SERIES

CHARACTERISTICS

- various types of brackets
- dual-flame pilot hood available for both orientations (left and right hand flame)
- with or without spark electrode
- 2 different height levels of the pilot flame
- 4 mm, 6 mm and 1/4" pilot tube shear-off.

The energy consumption is approximately 150 W.

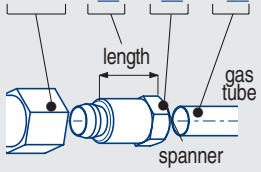
CODE	Orientation	Bracket [1] - TC sleeve [2]	Spark electrode [3]	Injector mark	Gas connection [4]	TC connection [4]	Gas type [5]
0.145.001	DX	B33 - target			M10x1	M10x1	
0.145.002	SX	B33 - target			M10x1	M10x1	
0.145.003	SX	B34 - target	2b	37	M10x1 L10.5 s10 ø1/4"	M10x1 L15 s10	NG
0.145.004	SX	B34 - target	2b	23	M10x1 L10.5 s10 ø1/4"	M10x1 L15 s10	LPG
0.145.005	SX	B35 - target	2b	37	M10x1 L10.5 s10 ø1/4"	M10x1	NG
0.145.006	SX	B35 - target	2b	23	M10x1 L10.5 s10 ø1/4"	M10x1	LPG
0.145.007	SX	B34 - target			M10x1	M10x1 L15 s10	
0.145.010	DX	B34 - target			M10x1	M10x1 L15 s10	
0.145.019	DX	B38 - target			M10x1	M10x1	
0.145.024	SX	B37 - target			M10x1	M10x1	
0.145.026	SX	B39 - target			M10x1	M10x1 L15 s10	
0.145.027	DX	B33 - target	2a		M10x1 L10.5 s10 ø4 mm	M10x1 L15 s10	
0.145.028	SX	B33 - target	2a		M10x1 L10.5 s10 ø1/4"	M10x1 L15 s10	
0.145.030	DX	B33 - target	2b	37	M10x1	M10x1 L15 s10	NG
0.145.033	SX	B4 - target			M10x1	M10x1	

(1) see pag. 51 to pag. 53

(2) see pag. 59

(3) see Accessories pag. 20

(4)

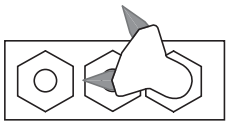


(5) LPG: III[rd] family gas.
NG: II[nd] family gas (natural gas).

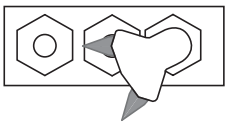
CODE	Orientation	Bracket [1] - TC sleeve [2]	Spark electrode [3]	Injector mark	Gas connection [4]	TC connection [4]	Gas type [5]
0.145.042	SX	B33 - target		37	M10x1 L10.5 s10 ø1/4”		LPG
0.145.503	SX	B40	2b	37	M10x1 L10.5 s10 ø1/4”		NG
0.145.504	SX	B40	2b	23	M10x1 L10.5 s10 ø1/4”		LPG

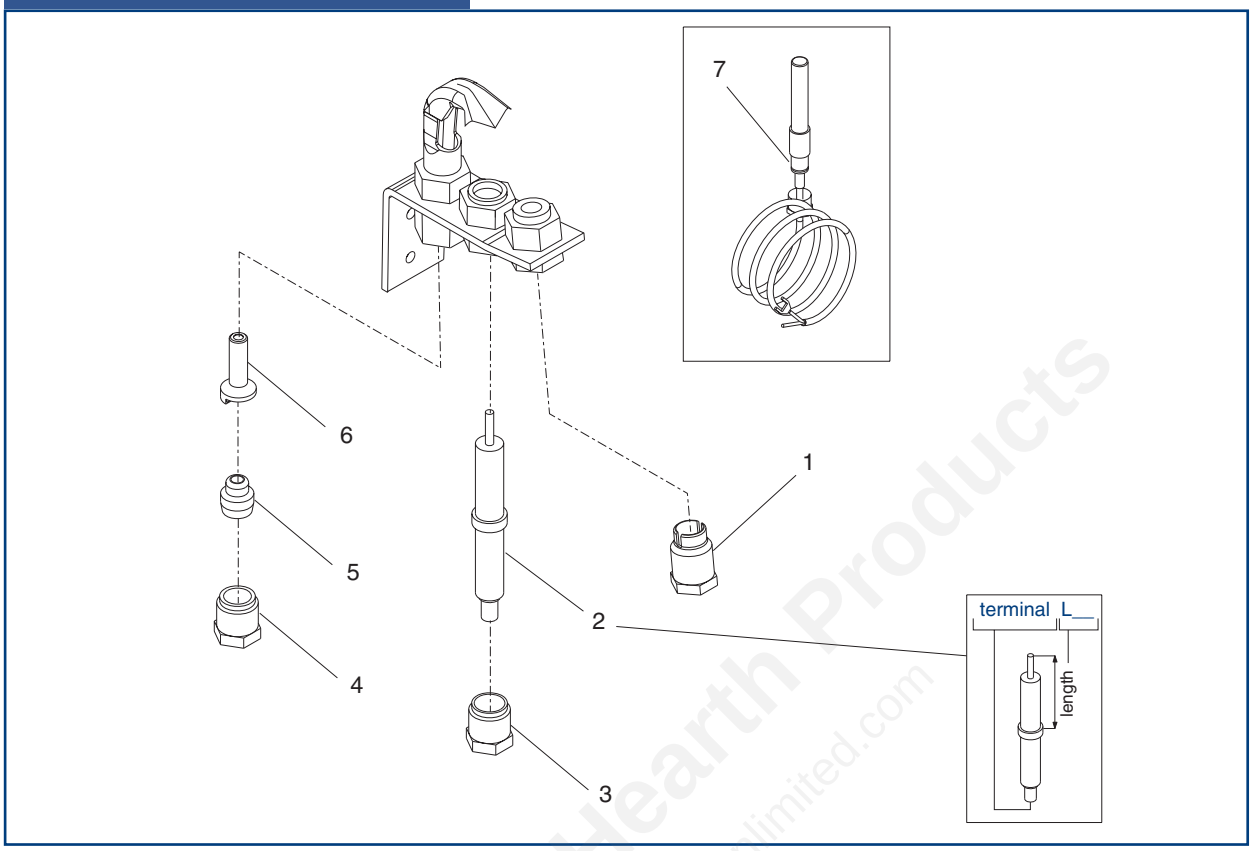
ORIENTATIONS

DX



SX





N.	CODE	Description	Quantity
1	0.974.036	TC fixing nut (M10x1 L15 s10)	100
2a	0.915.024	Spark electrode straight M4x1 pin L 26.4 mm	100
2b	0.915.025	Spark electrode straight ø2.4 pin L 26.4 mm	100
3	0.974.037	Spark electrode fixing nut (M10x1 L11 s10)	100
4a	0.958.011	Nut for ø6 mm (M10x1 L10.5 s10)	100
4b	0.958.013	Nut for ø4 mm (M10x1 L10.5 s10)	100
4c	0.958.018	Nut for ø1/4" (M10x1 L10.5 s10)	100
4d	0.958.046	Nut for ø4 mm (M10x1 L10.5 s10)	100
4e	0.958.047	Nut for ø6 mm (M10x1 L11 s10)	100
5a	0.957.000	ø4 mm olive (target)	100
5b	0.957.010	ø6 mm olive (target)	100
5c	0.957.011	ø1/4" olive	100
6a	0.977.146	ø0.64/ø0.60 mm town injector target marked 42	100
6b	0.977.113	ø0.40/ø0.38 mm NG injector target marked 27	100
6c	0.977.144	ø0.60/ø0.40 mm NG injector target marked 30	100
6d	0.977.132	ø0.60/ø0.55 mm NG injector target marked 37	100
6e	0.977.141	ø0.60 mm town injector target marked 60	100
6f	0.977.098	ø0.60/ø0.60 mm NG injector target marked 35	100
6g	0.977.145	ø0.30/ø0.18 mm LPG injector alum. target marked 15	100
6h	0.977.105	ø0.28 mm LPG injector alum. target marked 23	100
6i	0.977.149	ø0.30/ø0.18 mm LPG injector steel target marked 15	100
6l	0.977.150	ø0.28 mm LPG injector steel target marked 23	100
7	0.940.002	Millivoltage generator (1)	100

(1) see THERMOCOUPLE MOUNTING SLEEVES pag. 59

PILOT 150 SERIES

CHARACTERISTICS

- 1 or 2 flame hoods
- with or without spark electrode
- 2 different height levels of the pilot flame
- 4 mm, 6 mm and 1/4" pilot tube shear-off.

The energy consumption is approximately 210 W.

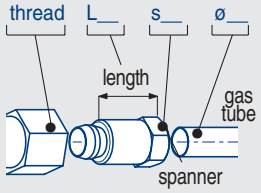
CODE	Pilot hood N. flames	Bracket (1) - TC sleeve (2)	Spark electrode (3)	Injector mark	Gas connection (4)	TC connection (4)	Gas type (5)
0.150.043	2	B31 - target			M10x1	M10x1 L15 s10	
0.150.045	2	B10 - target	3b		M10x1	M10x1 L15 s10	
0.150.055	1	B20 - target		36	M10x1 L10.5 s10 ø6 mm	M10x1 L15 s10	NG
0.150.064	1	B31 - target			M10x1	M10x1 L15 s10	
0.150.073	1	B51 - unified		37	M10x1 L10.5 s10 ø6 mm	M10x1 L15 s10	NG
0.150.077	2	B30 - target			M10x1	M10x1 L15 s10	
0.150.084	2	B31 - target			M10x1	M10x1	
0.150.085	2	B10 - target			M10x1	M10x1	
0.150.086	1	B20 - target			M10x1	M10x1	
0.150.087	2	B20 - target			M10x1	M10x1	
0.150.091	1	B10 - target	3b	40	M10x1 L10.5 s10 ø1/4"	M10x1 L15 s10	NG
0.150.200	2	B10 - target	3a		M10x1	M10x1 L15 s10	
0.158.006	1	B10 - target			M10x1	M10x1 L15 s10	

(1) see pag. 51 to pag. 53

(2) see pag. 59

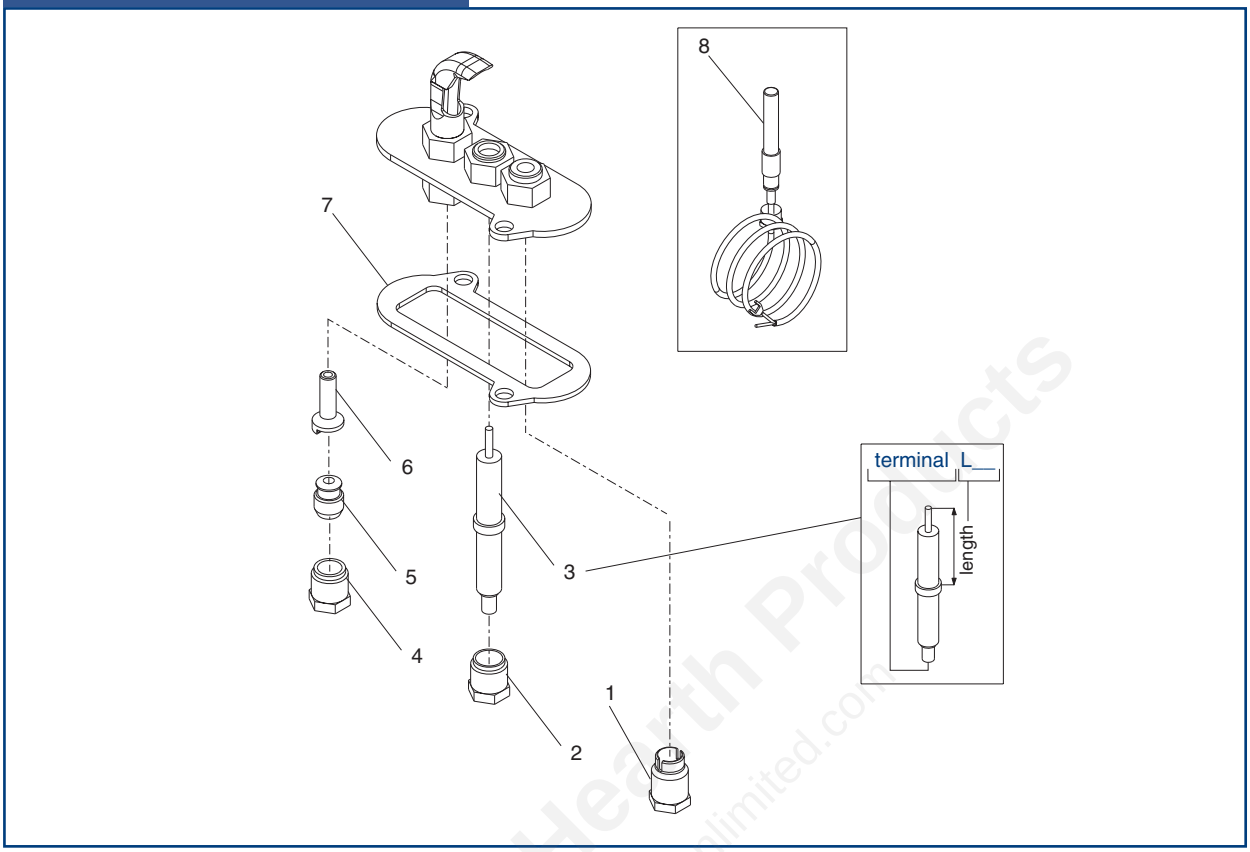
(3) see Accessories pag. 23

(4)



(5) NG: II[nd] family gas (natural gas).

ACCESSORIES



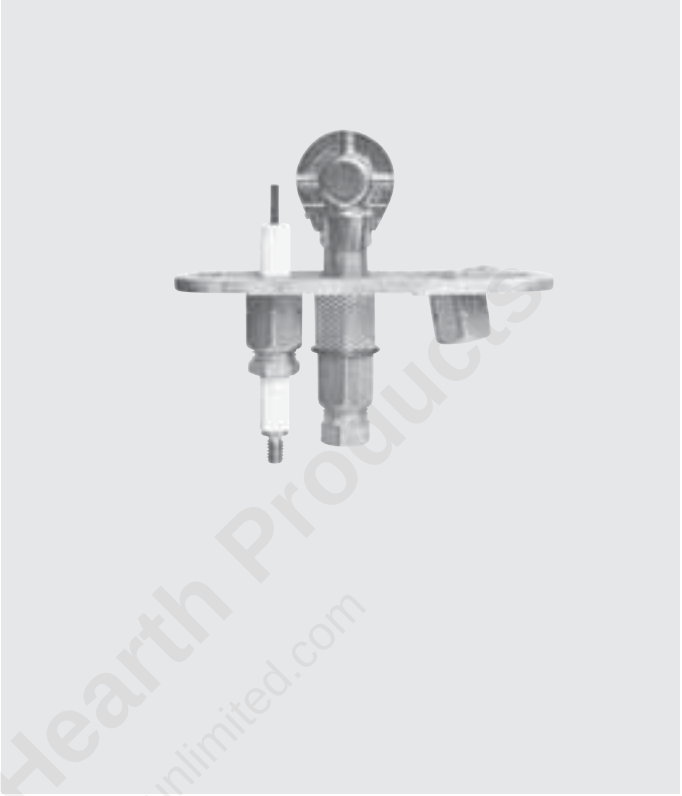
N.	CODE	Description	Quantity
1	0.974.036	TC fixing nut (M10x1 L15 s10)	100
2	0.974.037	Spark electrode fixing nut (M10x1 L11 s10)	100
3a	0.915.009	Spark electrode straight M4x1 pin L 27.7 mm	100
3b	0.915.024	Spark electrode straight M4x1 pin L 26.4 mm	100
3c	0.915.025	Spark electrode straight ø2.4 pin L 26.4 mm	100
4a	0.958.011	Nut for ø6 mm (M10x1 L10.5 s10)	100
4b	0.958.013	Nut for ø4 mm (M10x1 L10.5 s10)	100
4c	0.958.018	Nut for ø1/4" (M10x1 L10.5 s10)	100
4d	0.958.046	Nut for ø4 mm (M10x1 L10.5 s10)	100
4e	0.958.047	Nut for ø6 mm (M10x1 L11 s10)	100
5a	0.957.009	ø4 mm olive (target)	100
5b	0.957.010	ø6 mm olive (target)	100
5c	0.957.011	ø1/4" olive	100
6a	0.977.046	ø0.24/ø0.24 mm LPG injector marked 21	100
6b	0.977.047	ø0.45 mm NG injector marked 38	100
6c	0.977.091	ø0.60/ø0.55 mm NG injector target marked 36	100
6d	0.977.092	ø0.23/ø0.26 mm LPG injector target marked 19	100
6e	0.977.098	ø0.60/ø0.60 mm NG injector target marked 35	100
6f	0.977.103	ø0.60/ø0.55 mm NG injector target marked 34	100
6g	0.977.105	ø0.28 mm LPG injector alum. target marked 23	100
6h	0.977.106	ø0.35 mm LPG injector marked 20	100
6i	0.977.132	ø0.60/ø0.55 mm NG injector target marked 37	100
6l	0.977.134	ø0.23/ø0.26 mm LPG injector target marked 24	100
6m	0.977.142	ø0.40/ø0.58 mm NG injector marked 33	100
6n	0.977.148	ø0.23/ø0.26 mm LPG injector marked 19	100
7a	0.948.050	Gasket target for pilot body (dim. 47x31 mm)	100
7b	0.948.060	Gasket target for pilot body (dim. 71x26 mm)	100
8	0.940.002	Millivoltage generator [2]	100

PILOT 160 SERIES

CHARACTERISTICS

- various types of brackets
- internal or external air-intake to the combustion chamber
- 1-2-3 flame hoods on vertical or horizontal plane
- with or without spark electrode
- vertical or inclined thermocouple
- 4 mm, 6 mm e 1/4" pilot tube shear-off
- primary air filter.

The energy consumption is approximately 230 W.

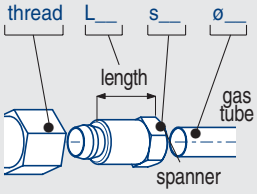


CODE	Pilot hood N. flames	Orientation	Bracket [1] - TC sleeve [2]	Injector mark	Gas connection [3]	TC connection [3]	Gas type [4]	Spark electr. [5]
0.160.002	1	120	C1 - unified		M10x1	M10x1 L15 s10		
0.160.005	3	vertical	C3 - unified	51	M10x1 L10.5 s10 ø6 mm	M10x1 L15 s10	NG	
0.160.012	2	220	C1 - unified		M10x1	M10x1 L15 s10		
0.160.022	2	221	C1 - unified		M10x1	M10x1 L15 s10		
0.160.032	3	320	C1 - unified		M10x1	M10x1 L15 s10		
0.160.042	3	vertical	C1 - unified		M10x1	M10x1 L15 s10		
0.160.046	2	220	C4 - unified		M10x1	M10x1 L15 s10		
0.160.055	2	221	C4 - unified		M10x1	M10x1 L15 s10		
0.160.059	2	220	C1 - unified	41	M10x1 L10.5 s10 ø6 mm	M10x1 L15 s10	NG	7d
0.160.074	3	vertical	C1 - unified	51	M10x1 L10.5 s10 ø4 mm	M10x1 L15 s10	NG	7a
0.160.101	2	vertical	C8 - unified	41	M10x1 L10.5 s10 ø6 mm	M10x1 L15 s10	NG	
0.160.103	2	vertical	C7 - unified		M10x1	M10x1 L15 s10		
0.160.105	2	vertical	C9 - target	41	M10x1 L10.5 s10 ø6 mm	M10x1 L15 s10	NG	

(1) see pag. 54

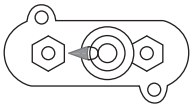
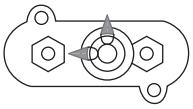
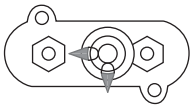
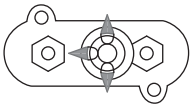
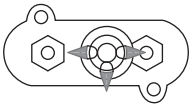
(2) see pag. 59

(4) NG: II[nd] family gas (natural gas).

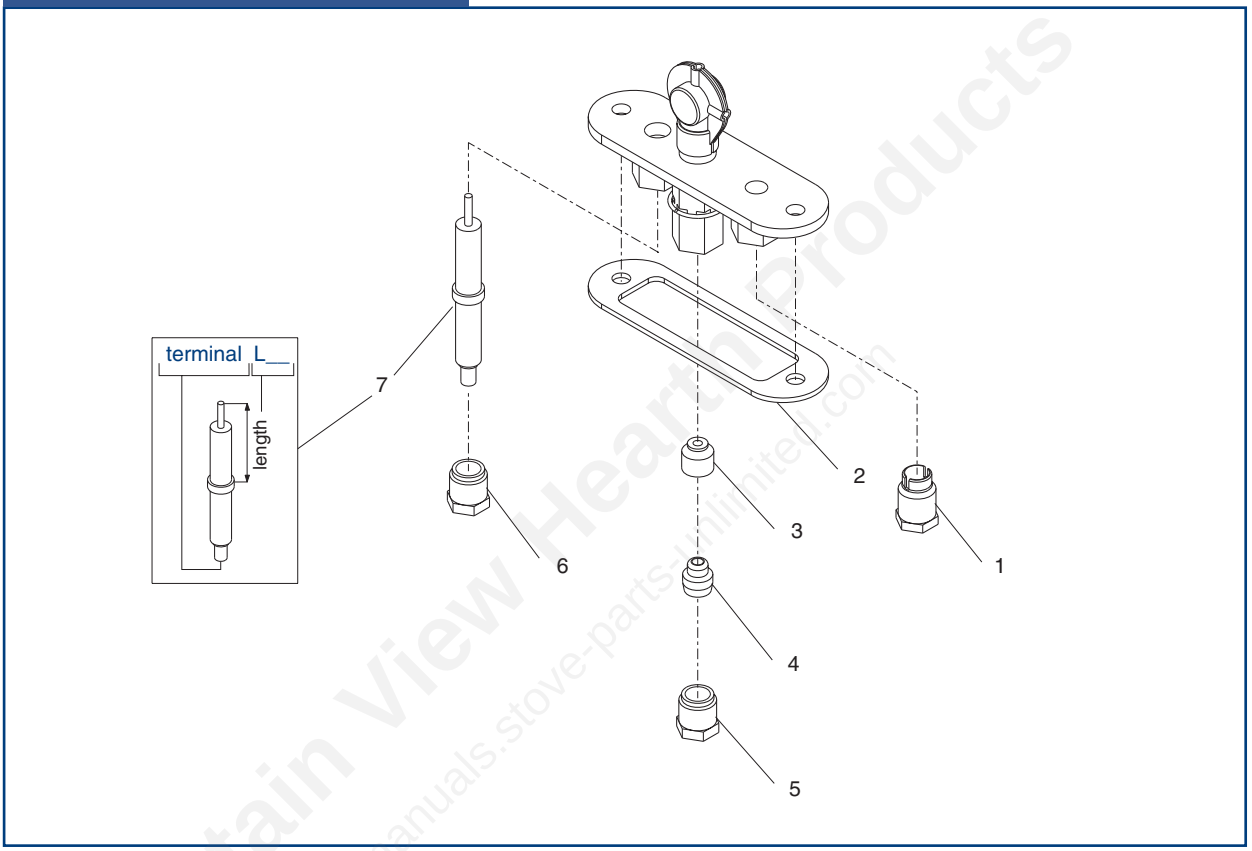
(4) 

(5) see Accessories pag. 25

ORIENTATIONS

120	220	221	320	321
				

ACCESSORIES



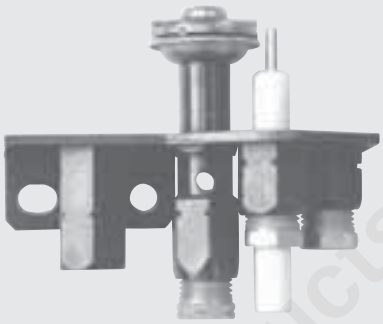
N.	CODE	Description	Quantity
1	0.974.036	TC fixing nut (M10x1 L15 s10)	100
2	0.948.060	Gasket target for pilot body (dim. 71x26 mm)	100
3a	0.977.118	ø0.41 mm NG injector marked 41	100
3b	0.977.119	ø0.51 mm NG injector marked 51	100
3c	0.977.122	ø0.30 mm LPG injector marked 30	100
3d	0.977.123	ø0.25 mm LPG injector marked 25	100
3e	0.977.125	ø0.35 mm LPG injector marked 35	100
3f	0.977.156	ø0.20 mm LPG injector marked 20	100
4a	0.957.014	ø4 mm olive	100
4b	0.957.015	ø6 mm olive	100
5a	0.958.011	Nut for ø6 mm (M10x1 L10.5 s10)	100
5b	0.958.013	Nut for ø4 mm (M10x1 L10.5 s10)	100
6	0.974.037	Spark electrode fixing nut (M10x1 L11 s10)	100
7a	0.915.015	Spark electrode straight M4x1 pin L 35 mm	100
7b	0.915.024	Spark electrode straight M4x1 pin L 26.4 mm	100
7c	0.915.025	Spark electrode straight ø2.4 pin L 26.4 mm	100
7d	0.915.035	Spark electrode straight ø2.4 pin L 35 mm	100
7e	0.915.048	Spark electrode straight M4x1 pin L 34 mm	100
7f	0.915.050	Spark electrode straight M4x1 pin L 32.4 mm	100

PILOT 190 SERIES

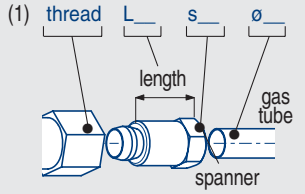
CHARACTERISTICS

- various types of brackets
- internal or external air-intake to the combustion chamber
- 3 flame hoods with different orientations
- removable pilot hood for Top Convertible version
- with or without spark electrode
- 1/4" pilot tube shear-off.

The energy consumption is approximately 210 W.



CODE	Pilot hood N. flames	Injector mark	Gas connection (1)	Orientation	Bracket (2)- TC sleeve (3)	TC connection (1)	Gas type (4)	Spark electr. (5)	Top Convertible
0.190.603	3		M10x1	321	E4 - target	M10x1			
0.190.607	3	30	M10x1 L10.5 s10 ø1/4"	321	E9 - target	M10x1 L15 s10	LPG	7c	
0.190.613	3		M10x1	322	E9 - target	M10x1 L15 s10			
0.190.650		51	M10x1 L16 s10 ø1/4"	323	E15 - target	M10x1	NG	7c	●
0.190.652			M10x1	323	E17 - target	M10x1			●
0.190.653			M10x1	321	E16 - target	M10x1			●
0.190.654			M10x1	323	E15 - target	M10x1			●
0.190.655			M10x1	321	E18 - target	M10x1			●
0.190.656			M10x1	321	E20 - target	M10x1			●
0.190.657			M10x1	323	E21 - target	M10x1			●



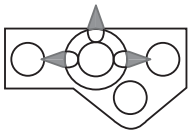
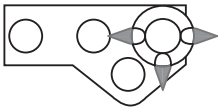
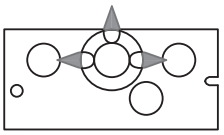
(2) see pag. 55

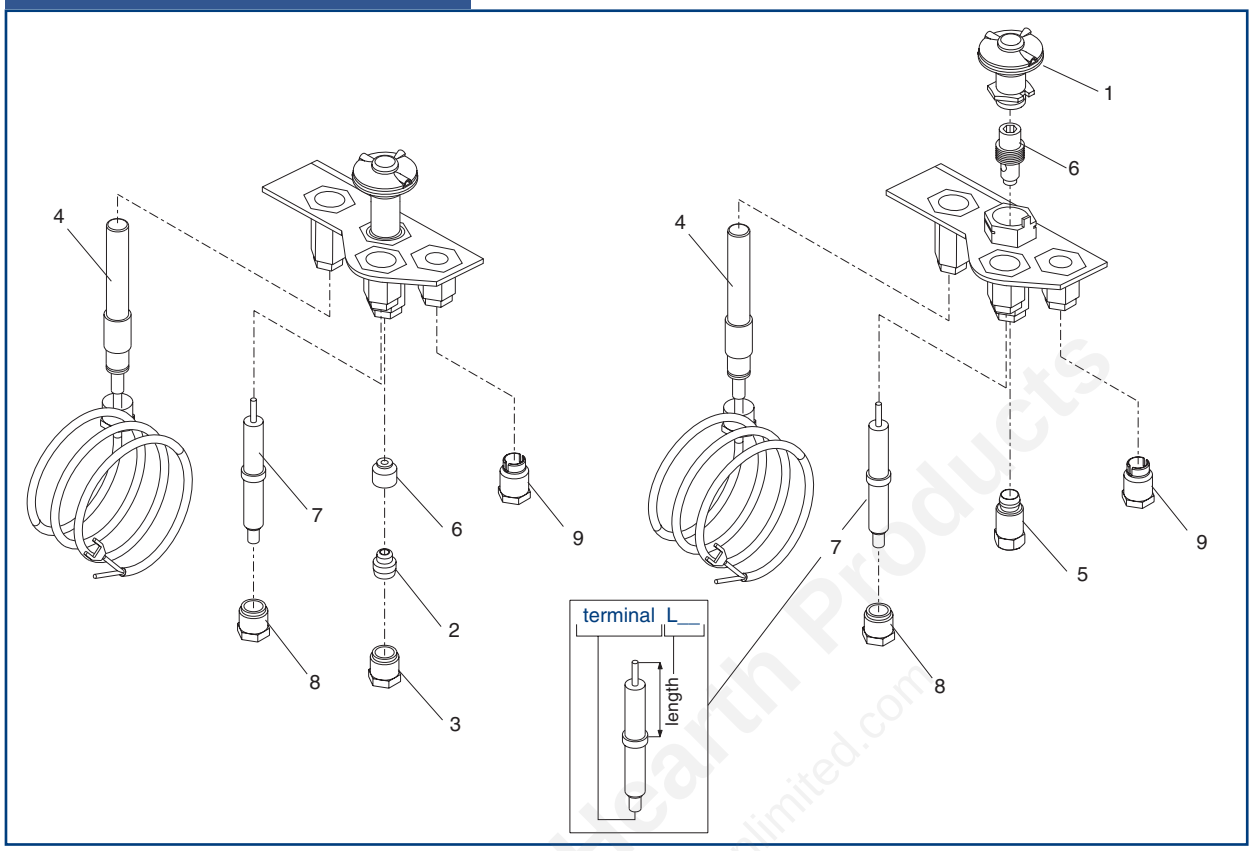
(3) see pag. 59

(4) LPG: III[rd] family gas.
NG: II[nd] family gas (natural gas).

(5) see Accessories pag. 28

ORIENTATIONS

321	322	323
		



N.	CODE	Description	Quantity
1	0.975.063	Three flames pilot head for Top Convertible	100
2a	0.957.014	ø4 mm olive for 0.190.603/607/613	100
2b	0.957.015	ø6 mm olive for 0.190.603/607/613	100
2c	0.957.016	ø1/4" olive for 0.190.603/607/613	100
3a	0.958.011	Nut for ø6 mm (M10x1 L10.5 s10) for 0.190.603/607/613	100
3b	0.958.013	Nut for ø4 mm (M10x1 L10.5 s10) for 0.190.603/607/613	100
3c	0.958.018	Nut for ø1/4" (M10x1 L10.5 s10) for 0.190.603/607/613	100
4	0.940.002	Millivoltage generator (1)	100
5a	0.958.030	ø4 mm pilot tube shear-off (M10x1 L16 s10) for Top Convertible	100
5b	0.958.031	ø6 mm pilot tube shear-off (M10x1 L16 s10) for Top Convertible	100
5c	0.958.032	ø1/4" pilot tube shear-off (M10x1 L16 s10) for Top Convertible	100
6a	0.977.118	ø0.41 mm NG injector marked 41 for 0.190.603/607/613	100
6b	0.977.119	ø0.51 mm NG injector marked 51 for 0.190.603/607/613	100
6c	0.977.122	ø0.30 mm LPG injector marked 30 for 0.190.603/607/613	100
6d	0.977.123	ø0.25 mm LPG injector marked 25 for 0.190.603/607/613	100
6e	0.977.125	ø0.35 mm LPG injector marked 35 for 0.190.603/607/613	100
6f	0.977.156	ø0.20 mm LPG injector marked 20 for 0.190.603/607/613	100
6g	0.977.157	ø0.30 mm LPG injector steel marked 30 for 0.190.603/607/613	100
6h	0.977.158	ø0.35 mm LPG injector steel marked 35 for 0.190.603/607/613	100
6i	0.977.159	ø0.51 mm NG injector steel marked 51 for 0.190.603/607/613	100
6l	0.977.160	NG injector steel marked 62 for 0.190.603/607/613	100
6m	0.977.165	ø0.55/ø0.35 mm injector marked 51 NG for Top Convertible	100
6n	0.977.167	ø0.30 mm injector marked 30 LPG for Top Convertible	100
7a	0.915.015	Spark electrode straight M4x1 pin L 35 mm	100
7b	0.915.024	Spark electrode straight M4x1 pin L 26.4 mm	100
7c	0.915.025	Spark electrode straight ø2.4 pin L 26.4 mm	100
7d	0.915.035	Spark electrode straight ø2.4 pin L 35 mm	100

N.	CODE	Description	Quantity
8a	0.974.037	Spark electrode fixing nut (M10x1 L11 s10)	100
8b	0.974.144	Spark electrode fixing nut (M10x1 L13 s10) for Top Convertible	100
9	0.974.036	TC fixing nut (M10x1 L15 s10)	100

(1) see THERMOCOUPLE MOUNTING SLEEVES pag. 59

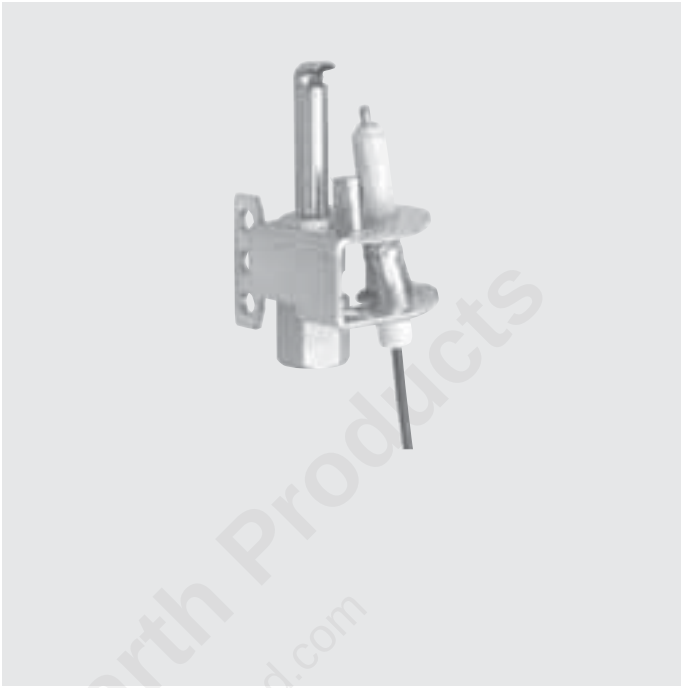
PRIME AIR SERIES

CHARACTERISTICS

They can be supplied in various versions:

- 1/4" and 1/8" pilot tube shear-off
- with or without spark electrode.

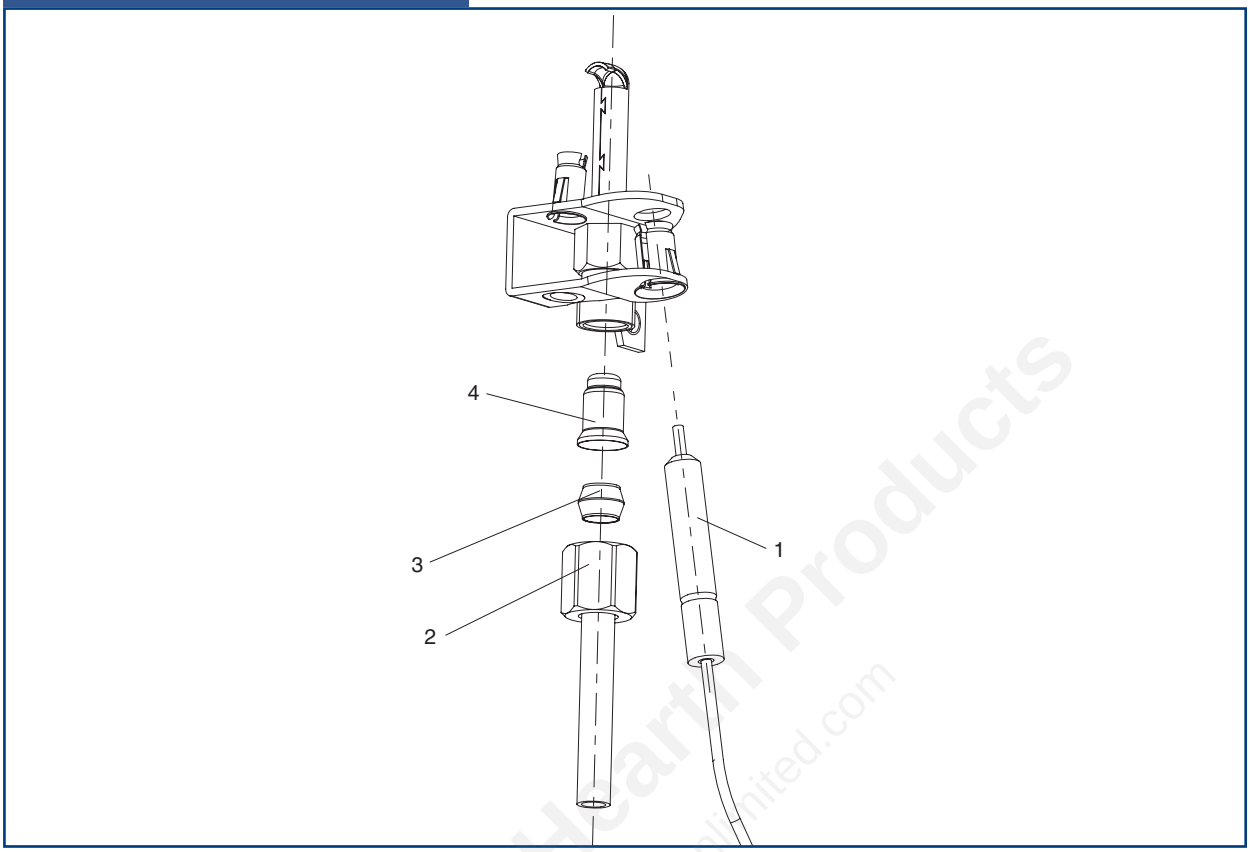
The energy consumption is approximately 150 W.



CODE	Bracket [1] - TC sleeve [2]	Injector mark	Gas connection [3]	Gas type [4]	Spark electrode [5]
0159752	E11 - A0	24	7/16" L13 s1/2" ø1/8"	NG	-
0159755	E11 - A0	21	7/16" L13 s1/2" ø1/8"	LPG	-
0159758	E11 - A0	24	7/16" L13 s1/2" ø1/8"	NG	1b
0159759	E11 - A0	24	7/16" L13 s1/2" ø1/8"	NG	1c
0159762	E11 - A0	21	7/16" L13 s1/2" ø1/8"	LPG	1c

(5) see Accessories pag. 31

ACCESSORIES



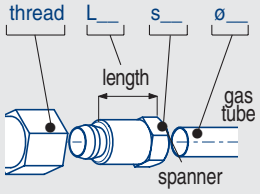
N.	CODE	Description	Quantity
1a	0.915.082	Spark electrode with lead L18" and female faston ø2,36 mm	100
1b	0.915.084	Spark electrode with lead L24" and female faston ø2,36 mm	100
1c	0.915.085	Spark electrode with lead L24" and female faston ø2,36 mm	100
2a	0.958.075	Nut for ø1/4" (7/16" L13 s1/2")	100
2b	0.958.166	Nut for ø1/8" (7/16" L13 s1/2")	100
3a	0.957.005	ø1/4" olive	100
3b	0.957.214	ø1/8" olive	100
4a	0.977.377	ø0.38 mm NG injector marked 24	100
4b	0.977.375	ø0.34 mm NG injector marked 23	100
4c	0.977.376	ø0.21 mm LPG injector marked 21	100

(1) see pag. 56

(2) see pag. 59

(4) LPG: IIIrd family gas.
NG: IInd family gas (natural gas).

(2)



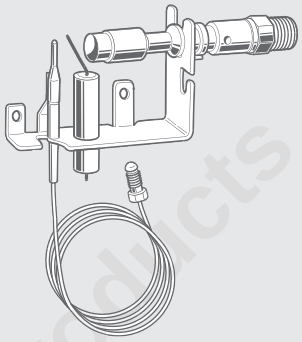
OXIPROTECTOR 8200 SERIES

CHARACTERISTICS

- 4 mm, 6 mm and 1/4" pilot tube shear-off and 5 mm (3/16") tube
- with or without thermopile support
- with one-wire or interrupted thermocouple.

Features of all versions:

- single flame burner with horizontal exit
- thermocouple welded on the burner
- energy consumption approximately 166 W.



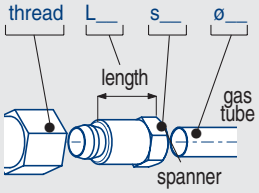
CODE	Injector ø [mm]	Gas type (1)	Gas connection (2) (4)	Bracket configuration (3)	TC conductor (4)	Magnet connect. nut	Spark electr.[mm] (4)(5)
8400.8202.000	0.35	NG	3/8" 24UNF 2A ø5 mm	B501	one-wire	M8x1	ø1.6
8400.8203.000	0.44	NG	3/8" 24UNF 2B ø5 mm	B501	one-wire	M8x1	ø1.6
8400.8210.000	0.35	NG	M10x1 f ø6/ø4 mm/ø1/4"	B501	one-wire	11/32"	ø1.6
8400.8213.000	0.44	NG	3/8" 24UNF 2A ø5 mm	B501	one-wire	M8x1	ø1.6
8400.8221.000	0.44	NG	3/8" 24UNF 2A ø5 mm	B502	one-wire	M8x1	ø1.6
8400.8222.000	0.35	NG	M10x1 ø6 mm	B501	one-wire	M8x1	F 2.8x0.65
8400.8224.000	0.44	NG	3/8" 24UNF 2A ø5 mm	B502	one-wire	M8x1	ø1.6
8400.8231.000	0.35	NG	M10x1 f ø6/ø4 mm/ø1/4"	B501	one-wire	M9x1	ø1.6
8400.8235.000	0.44	NG	3/8" 24UNF 2A ø5 mm	B502	one-wire interr. (F)	M8x1	ø1.6
8400.8238.000	0.44	NG	M10x1 f ø6/ø4 mm/ø1/4"	B501	one-wire interr. (F)	M9x1	ø1.6
8400.8240.000	0.58	NG	3/8" 24UNF 2A ø5 mm	B501	one-wire	M8x1	ø1.6
8400.8251.000	0.40	NG	3/8" 24UNF 2A ø5 mm	B502	one-wire	M8x1	ø1.6

(1) NG: II[nd] family gas (natural gas).

(3) see pag. 57

(4) F: faston f: female

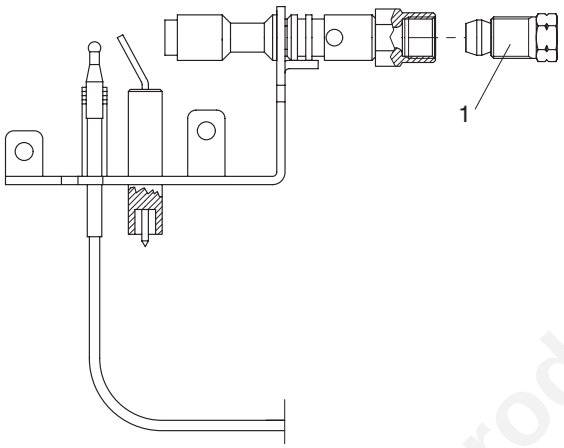
(2)



(5)

(6) V: vertical
O: horizontal

ACCESSORIES



N.	CODE	Description	Quantity
1a	0.958.032	ø1/4" pilot tube shear-off (M10x1 L16 s10)	100
1b	0.958.031	ø6 mm pilot tube shear-off (M10x1 L16 s10)	100
1c	6110.9000.027	ø4 mm pilot tube shear-off (M10x1 L13 s10)	

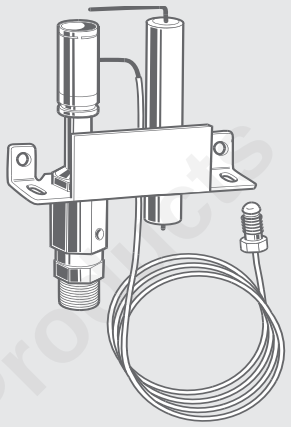
OXIPROTECTOR 8300 SERIES

CHARACTERISTICS

- 4 mm, 6 mm and 1/4" pilot tube shear-off and 5 mm (3/16") tube
- with one-wire, double-wire or interrupted TC
- with or without Anti Tilt Switch (ATS).

Features of all versions:

- single flame burner with vertical exit
- thermocouple welded on the burner
- energy consumption approximately 145 W.



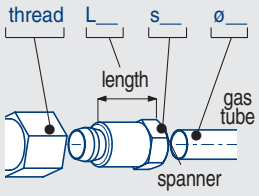
CODE	Injector ø [mm]	Gas type (1)	Gas connection (2) (4)	Bracket configuration (3)	TC conductor (4)	Magnet connect. nut	Spark electr.[mm] (5)	Gas inlet (6)
8400.8303.000	0.20	LPG	M10x1 f ø6/ø4 mm/ø1/4"	B500	one-wire	M8x1	ø1.6	V
8400.8306.000	0.20	LPG	M10x1 ø6 mm	B500	one-wire	M8x1	ø1.6	V
8400.8307.000	0.20	LPG	M10x1 f ø6/ø4 mm/ø1/4"	B500	one-wire	M9x1	ø1.6	V
8400.8317.000	0.20	LPG	M10x1 L16 s10 ø1/4"	B500	double-wire	M9x1	ø1.6	V
8400.8322.000	0.20	LPG	M10x1 f ø6/ø4 mm/ø1/4"	B500	one-wire	M9x1	ø1.6	V
8400.8324.000	0.20	LPG	M10x1 f ø6/ø4 mm/ø1/4"	B500	one-wire	M10x1	ø1.6	V
8400.8327.000	0.20	LPG	M10x1 L13 s10 ø4 mm	B500	one-wire	M9x1	ø1.6	V
8400.8336.000	0.20	LPG	M10x1 ø6 mm	B500	one-wire	M8x1	ø1.6	V
8400.8337.000	0.20	LPG	M10x1 ø6 mm	B500	one-wire	M8x1	ø1.6	V
8400.8338.000	0.20	LPG	M10x1 ø5 mm	B500	one-wire	M8x1	ø1.6	V
8400.8339.000	0.20	LPG	M10x1 ø6 mm	B500	one-wire	M8x1	ø1.6	V
8400.8341.000	0.20	LPG	M10x1 ø6 mm	B500	one-wire	M8x1	ø1.6	V
8400.8344.000	0.20	LPG	M10x1 ø6 mm	B500	one-wire interr. (F)	M8x1	ø1.6	V

(1) LPG: III[rd] family gas.

(3) see pag. 57

(4) F: faston f: female
ATS: Anti Tilt Switch

(2)

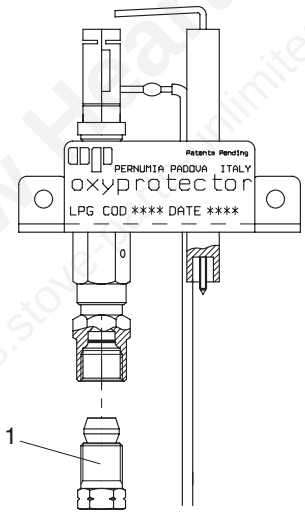


(5)

(6) V: vertical
O: horizontal

CODE	Injector ø [mm]	Gas type [1]	Gas connection [2] [4]	Bracket configuration [3]	TC conductor [4]	Magnet connect. nut	Spark electr.[mm] [5]	Gas inlet [6]
8400.8344.000	0.20	LPG	M10x1 f ø6/ø4 mm/ø1/4"	B500	one-wire	M8x1	ø1.6	V
8400.8345.000	0.20	LPG	M10x1 L13 s10 ø4 mm	B500	one-wire	M8x1	ø1.6	O
8400.8351.000	0.20	LPG	M10x1 L16 s10 ø6 mm	B500	one-wire interr.	M9x1	ø1.6	V
8400.8352.000	0.22	LPG	M10x1 ø6 mm	B500	one-wire	M8x1	ø1.6	V
8400.8355.000	0.20	LPG	M10x1 ø6 mm	B500	one-wire interr. (ATS)	M8x1	ø1.6	V
8400.8359.000	0.20	LPG	M10x1 ø6 mm	B500	one-wire interr. (ATS)	M8x1	ø1.6	V
8400.8361.000	0.22	LPG	M10x1 ø6 mm	B500	one-wire interr. (ATS)	M8x1	ø1.6	V

ACCESSORIES



N.	CODE	Description	Quantity
1a	0.958.032	ø1/4" pilot tube shear-off (M10x1 L16 s10)	100
1b	0.958.031	ø6 mm pilot tube shear-off (M10x1 L16 s10)	100
1c	6110.9000.027	ø4 mm pilot tube shear-off (M10x1 L13 s10)	

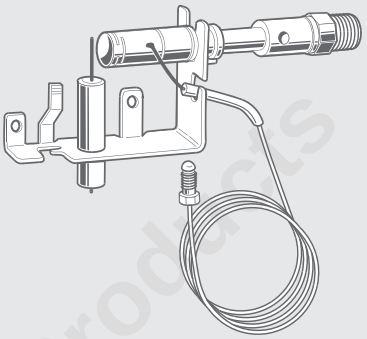
OXIPROTECTOR 8400 SERIES

CHARACTERISTICS

- 4 mm, 6 mm and 1/4" pilot tube shear-off and 5 mm (3/16") tube
- with or without thermopile support
- different types of brackets
- with one-wire or interrupted thermocouple.

Features of all versions:

- single flame burner with horizontal exit
- thermocouple welded on the burner
- energy consumption approximately 166 W.

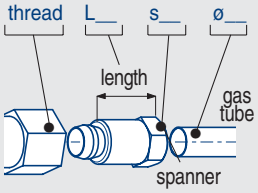


CODE	Injector ø [mm]	Gas type (1)	Gas connection (2) (4)	Bracket configuration (3)	TC conductor (4)	Magnet connect. nut	Spark electr.[mm] (5)	Thermopile support
8400.8417.000	0.22	LPG	3/8" 24UNF 2A ø5 mm	B501	one-wire	M8x1	ø1.6	
8400.8418.000	0.22	LPG	3/8" 24UNF 2A ø5 mm	B502	one-wire	M8x1	ø1.6	
8400.8420.000	0.22	LPG	3/8" 24UNF 2A ø5 mm	B502	one-wire	M8x1	ø1.6	
8400.8424.000	0.22	LPG	M10x1 f ø6/ø4 mm/ø1/4"	B501	one-wire	11/32"	ø1.6	
8400.8428.000	0.22	LPG	3/8" 24UNF 2A ø5 mm	B501	one-wire	M8x1	ø1.6	●
8400.8431.000	0.22	LPG	3/8" 24UNF 2A ø5 mm	B502	one-wire	M8x1	ø1.6	
8400.8432.000	0.22	LPG	3/8" 24UNF 2A ø5 mm	B502	one-wire interr. (F)	M8x1	ø1.6	
8400.8433.000	0.22	LPG	M10x1 f ø6/ø4 mm/ø1/4"	B501	one-wire interr. (F)	M9x1	ø1.6	
8400.8434.000	0.22	LPG	3/8" 24UNF 2A ø5 mm	B501	one-wire	M8x1	ø1.6	
8400.8437.000	0.22	LPG	M10x1 M ø6/ø4 mm/ø1/4"	B501	one-wire	M8x1	ø1.6	
8400.8439.000	0.22	LPG	3/8" 24UNF 2A ø5 mm	B501	one-wire interr. (F)	M8x1	ø1.6	

(1) LPG: III[rd] family gas.

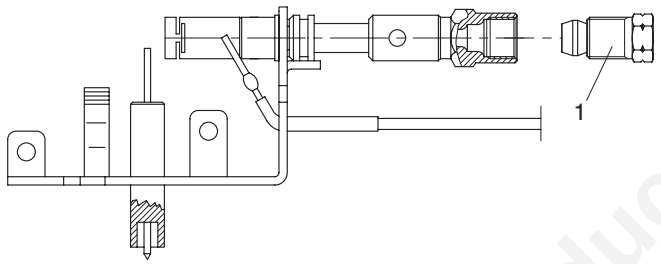
(3) see pag. 57

(2)



(4) F: faston f: female

(5)



N.	CODE	Description	Quantity
1a	0.958.032	ø1/4" pilot tube shear-off (M10x1 L16 s10)	100
1b	0.958.031	ø6 mm pilot tube shear-off (M10x1 L16 s10)	100
1c	6110.9000.027	ø4 mm pilot tube shear-off (M10x1 L13 s10)	

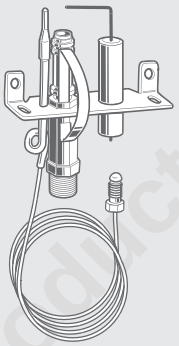
OXIPROTECTOR 8550 SERIES

CHARACTERISTICS

- 6 mm pilot tube shear-off and 5 mm (3/16”) tube

Features of all versions:

- single flame burner with vertical exit
- the bimetal strip makes it suitable for usage on to critical applications (poor quality gases)
- energy consumption approximately 125 W.



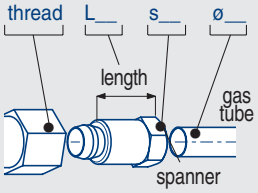
CODE	Injector ø [mm]	Gas type (1)	Gas connection (2) (4)	Bracket configuration (3)	TC conductor	Magnet connection nut	Spark electrode[mm] (4)(5)
8400.8550.000	0.20	LPG	M10x1 ø6 mm	B503	one-wire	M8x1	ø1.6
8400.8552.000	0.20	LPG	M10x1 ø6 mm	B503	one-wire	M8x1	ø1.6
8400.8556.000	0.18	LPG	M10x1 ø6 mm	B503	one-wire	M8x1	ø1.6
8400.8558.000	0.22	LPG	M10x1 ø6 mm	B503	one-wire	M8x1	F 2.8x0.65
8400.8568.000	0.20	LPG	M10x1 ø5 mm	B503	one-wire	M8x1	F 2.8x0.65
8400.8579.000	0.22	LPG	M10x1 ø6 mm	B503	one-wire	M8x1	ø1.6
8400.8581.000	0.22	LPG	M10x1 f ø6 mm	B503	one-wire	M8x1	ø1.6
8400.8582.000	0.20	LPG	M10x1 ø5 mm	B503	one-wire	M8x1	ø1.6
8400.8583.000	0.20	LPG	M10x1 ø5 mm	B503	one-wire	M8x1	ø1.6
8400.8585.000	0.26	LPG	M10x1 ø6 mm	B503	one-wire	M8x1	ø1.6
8400.8586.000	0.22	LPG	M10x1 ø6 mm	B503	one-wire	M8x1	ø1.6
8400.8588.000	0.20	LPG	M10x1 ø5 mm	B503	one-wire	M8x1	ø1.6
8400.8593.000	0.26	LPG	M10x1 ø6 mm	B503	one-wire	M8x1	ø1.6
8400.8599.000	0.22	LPG	M10x1 ø6 mm	B503	one-wire	M8x1	ø1.6

(1) LPG: III[rd] family gas.

(3) see pag. 57

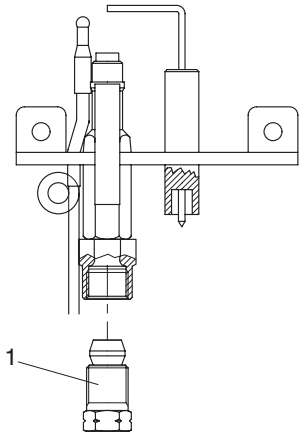
(4) F: faston f: female

(2)



(5)

ACCESSORIES



N.	CODE	Description	Quantity
1	0.958.031	ø6 mm pilot tube shear-off (M10x1 L16 s10)	100

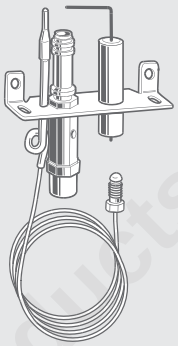
OXIPROTECTOR 85/86/8750 SERIES

CHARACTERISTICS

- 4 mm, 6 mm e 1/4" pilot tube shear-off
- with one-wire or interrupted thermocouple
- with or without spark electrode
- with or without Anti Tilt Switch (ATS)
- multigas version for LPG and NG.

Features of all versions:

- single flame burner with vertical exit
- energy consumption approximately 125 W.



CODE	Injector ø [mm]	Gas type [1]	Gas connection [2] [4]	Bracket configuration [3]	TC conductor [4]	Magnet connection nut [4]	Spark electr.[mm] [4][5]
8400.8501.000	0.20	LPG	M10x1 f ø6 mm	B503	one-wire	M8x1	ø1.6
8400.8502.000	0.20	LPG	M10x1 ø6 mm	B503	one-wire	M8x1	ø1.6
8400.8503.000	0.20	LPG	M10x1 f ø6 mm	B503	one-wire	M8x1	ø1.6
8400.8506.000	0.20	LPG	M10x1 ø6 mm	B503	one-wire	M8x1	F 2.8x0.65
8400.8507.000	0.20	LPG	M10x1 f ø6/ø4 mm/ø1/4"	B504	one-wire	M8x1	F 2.8x0.65
8400.8509.000	0.18	LPG	M10x1 ø6 mm	B503	one-wire	M8x1	ø1.6
8400.8510.000	0.20	LPG	M10x1 ø6 mm	B503	one-wire	M8x1	ø1.6
8400.8511.000	0.20	LPG	M10x1 ø6 mm	B503	one-wire	M8x1	ø1.6
8400.8512.000	0.20	LPG	M10x1 f ø6/ø4 mm/ø1/4"	B503	one-wire	M8x1	ø1.6
8400.8514.000	0.18	LPG	M10x1 f ø6 mm	B503	one-wire	M8x1	ø1.6
8400.8519.000	0.20	LPG	M10x1 f ø6/ø4 mm/ø1/4"	B503	one-wire	M8x1	
8400.8520.000	0.20	LPG	M10x1 ø6 mm	B503	one-wire	M8x1	F 2.8x0.65
8400.8526.000	0.20	LPG	M10x1 ø6 mm	B503	one-wire	M8x1	ø1.6
8400.8528.000	0.20	LPG	M10x1 ø6 mm	B503	one-wire interr. (ATS)	M8x1	ø1.6
8400.8529.000	0.18	LPG	M10x1 ø6 mm	B503	one-wire	M8x1	ø1.6
8400.8531.000	0.20	LPG	M10x1 ø6 mm	B503	one-wire	M8x1	ø1.6
8400.8532.000	0.20	LPG	M10x1 ø6 mm	B503	one-wire	M8x1	ø1.6
8400.8537.000	0.20	LPG	M10x1 ø6 mm	B503	one-wire	M8x1	ø1.6
8400.8542.000	0.20	LPG	M10x1 ø6 mm	B503	one-wire	M8x1	ø1.6

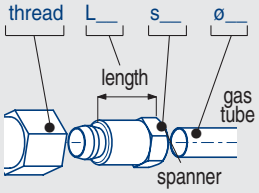
CODE	Injector ø [mm]	Gas type [1]	Gas connection [2] [4]	Bracket configuration [3]	TC conductor [4]	Magnet connection nut [4]	Spark electr.[mm] [4][5]
8400.8543.000	0.18	LPG	M10x1 f ø6 mm	B503	one-wire	M8x1	ø1.6
8400.8544.000	0.20	LPG	M10x1 ø6 mm	B503	one-wire	M8x1	F 2.8x0.65
8400.8546.000	0.20	LPG	M10x1 ø6 mm	B503	one-wire	M8x1	ø1.6
8400.8548.000	0.20	LPG	M10x1 ø6 mm	B503	one-wire	M8x1	ø1.6
8400.8549.000	0.20	LPG	M10x1 ø6 mm	B503	one-wire interr. (ATS)	M8x1	ø1.6
8400.8595.000	0.20	LPG	M10x1 ø6 mm	B503	one-wire interr. (ATS)	M8x1	ø1.6
8400.8597.000	0.20	LPG	M10x1 ø6 mm	B503	one-wire interr. (ATS)	M8x1	ø1.6
8400.8598.000	0.20	LPG	M10x1 ø6 mm	B503	one-wire interr. (ATS)	M8x1	ø1.6
8400.8601.000	0.30	NG	M10x1 ø6 mm	B503	one-wire	M8x1	ø1.6
8400.8603.000	0.30	NG	M10x1 f ø6/ø4 mm/ø1/4"	B503	one-wire	M8x1	ø1.6
8400.8605.000	0.30	NG	M10x1 f ø6/ø4 mm/ø1/4"	B503	one-wire	M8x1	ø1.6
8400.8609.000	0.30	NG	M10x1 ø6 mm	B503	one-wire	M8x1	F 2.8x0.65
8400.8611.000	0.30	NG	M10x1 ø6 mm	B503	one-wire interr. (ATS)	M8x1	F 2.8x0.65
8400.8614.000	0.30	NG	M10x1 ø6 mm	B503	one-wire	M8x1	F 2.8x0.65
8400.8615.000	0.30	NG	M10x1 ø6 mm	B503	one-wire	M8x1	ø1.6
8400.8616.000	0.30	NG	M10x1 ø6 mm	B503	one-wire	M8x1	F 2.8x0.65
8400.8617.000	0.30	NG	M10x1 ø6 mm	B503	one-wire	M8x1	F 2.8x0.65
8400.8620.000	0.30	NG	M10x1 ø6 mm	B503	one-wire	M8x1	ø1.6
8400.8750.000	0.20/0.30	LPG/NG	M10x1 f ø6/ø4 mm/ø1/4"	B503	one-wire	M8x1	ø1.6
8400.8751.000	0.30	NG	M10x1 f ø6/ø4 mm/ø1/4"	B503	one-wire	M9x1	ø1.6
8400.8752.000	0.30	NG	M10x1 f ø6/ø4 mm/ø1/4"	B503	one-wire interr. (F)	M9x1	ø1.6

(1) LPG: IIIrd family gas
NG: IInd family gas (natural gas)

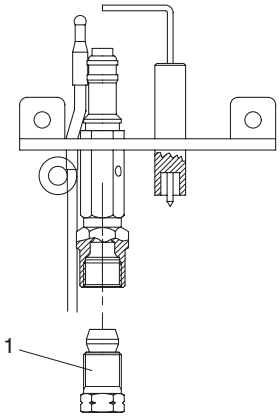
(3) see pag. 57

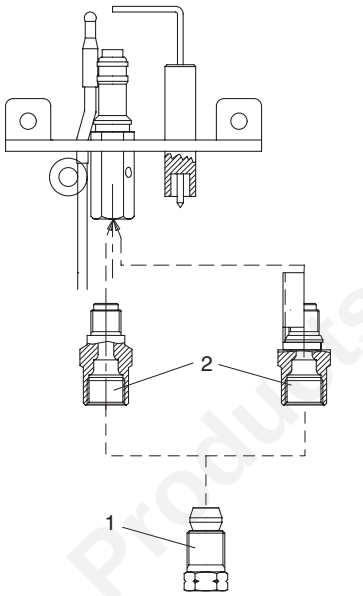
(4) F: faston f: female
ATS: Anti Tilt Switch

(2)



(5)





N.	CODE	Description	Quantity
1a	0.958.032	ø1/4" pilot tube shear-off (M10x1 L16 s10)	100
1b	0.958.031	ø6 mm pilot tube shear-off (M10x1 L16 s10)	100
1c	6110.9000.027	ø4 mm pilot tube shear-off (M10x1 L13 s10)	
2a	7400.8750.101	ø0.20 mm LPG injector assembly for 8750 family	
2b	7400.8750.100	ø0.30 mm NG injector assembly for 8750 family	

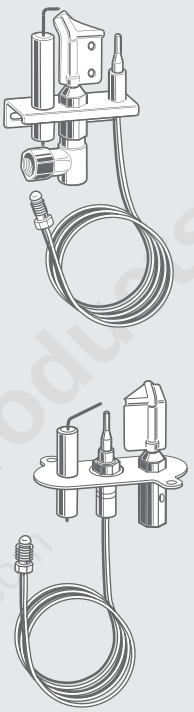
OXIPILOT 9000 SERIES

CHARACTERISTICS

- 4 mm, 6 mm e 1/4" pilot tube shear-off
- different types of brackets and different orientations
- with one-wire, double-wire, wireless or interrupted TC
- with or without Anti Tilt Switch (ATS)
- multigas version for LPG and NG.

Features of all versions:

- two flame burner with vertical exit
- energy consumption approximately 145 W (LPG) or 166 W (NG).



CODE	Injector ø [mm]	Gas type [1]	Gas connection [2] [5]	Orientation [3]	Bracket config. [4]	TC conductor [5]	Magnet conn. nut [5]	Spark electr.[mm] [5][6]	Gas inlet [7]
8400.9002.000	0.33	NG	M10x1 f ø6/ø4 mm/ø1/4"	510	B505	double-wire	M9x1	ø1.6	V
8400.9003.000	0.33	NG	M10x1 f ø6/ø4 mm/ø1/4"	510	B505			F2.8x0.5	V
8400.9005.000	0.33	NG	M10x1 L13 s10 ø4 mm	510	B505	double-wire	M9x1	F2.8x0.5	V
8400.9013.000	0.35	NG	M10x1 f ø6/ø4 mm/ø1/4"	510	B505			F2.8x0.5	O
8400.9017.000	0.33	NG	M10x1 L13 s10 ø4 mm	510	B505	double-wire	M8x1	F2.8x0.5	O
8400.9018.000	0.33	NG	M10x1 L13 s10 ø4 mm	510	B505	double-wire	M9x1	filo con F2.8x0.5	O
8400.9019.000	0.33	NG	M10x1 L13 s10 ø4 mm	510	B505	double-wire	M9x1	filo con F2.8x0.5	O
8400.9021.000	0.33	NG	1/8" f BSP B ø4 mm	510	B505	double-wire	M9x1	filo con Fø2.36	V
8400.9022.000	0.33	NG	M10x1 L13 s10 ø4 mm	510	B505	double-wire	M8x1	F2.8x0.5	V
8400.9027.000	0.33	NG	M10x1 L13 s10 ø4 mm	510	B505	double-wire	M9x1	F2.8x0.5	O
8400.9029.000	0.33	NG	M10x1 L13 s10 ø4 mm	510	B506	double-wire	11/32"	F2.8x0.5	O
8400.9030.000	0.33	NG	M10x1 L13 s10 ø4 mm	510	B505	double-wire	M10x1	F2.8x0.5	O
8400.9031.000	0.33	NG	M10x1 L13 s10 ø4 mm	510	B506	double-wire	M10x1	F2.8x0.5	V
8400.9033.000	0.33	NG	M10x1 L13 s10 ø4 mm	510	B505	double-wire	M9x1	F2.8x0.5	V
8400.9035.000	0.33	NG	M10x1 f ø6/ø4 mm/ø1/4"	510	B505	double-wire	M9x1	F2.8x0.5	O
8400.9036.000	0.33	NG	M10x1 f ø6/ø4 mm/ø1/4"	510	B505	double-wire	M9x1	F2.8x0.5	O
8400.9037.000	0.33	NG	M10x1 L13 s10 ø4 mm	510	B505	double-wire	M9x1	F2.8x0.5	O
8400.9038.000	0.33	NG	M10x1 L16 s10 ø6 mm	510	B505	double-wire	M9x1	F2.8x0.5	V
8400.9039.000	0.33	NG	M10x1 L13 s10 ø4 mm	510	B505	double-wire	M9x1	F2.8x0.5	O

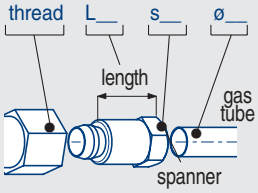
CODE	Injector ø [mm]	Gas type (1)	Gas connection (2) (5)	Orientation (3)	Bracket config. (4)	TC conductor (5)	Magnet conn. nut (5)	Spark electr.[mm] (5)(6)	Gas inlet (7)
8400.9040.000	0.33	NG	M10x1 f ø6/ø4 mm/ø1/4"	510	B505	double-wire	M10x1	F2.8x0.5	O
8400.9042.000	0.33	NG	M10x1 f ø6/ø4 mm/ø1/4"	510	B506	double-wire	11/32"	F2.8x0.5	O
8400.9043.000	0.33	NG	M10x1 f ø6/ø4 mm/ø1/4"	510	B505	double-wire	M9x1	F2.8x0.5	O
8400.9044.000	0.33	NG	M10x1 L13 s10 ø4 mm	510	B505	double-wire	M10x1	F2.8x0.5	O
8400.9046.000	0.35	NG	raccordo speciale						V
8400.9048.000	0.44	NG	M10x1 L13 s10 ø4 mm	510	B505	double-wire	M10x1	F2.8x0.5	O
8400.9051.000	0.35	NG	M10x1 L13 s10 ø4 mm	510	B505	double-wire	M10x1	F2.8x0.5	V
8400.9052.000	0.44	NG	M10x1 L13 s10 ø4 mm	510	B505	double-wire	M10x1	F2.8x0.5	O
8400.9054.000	0.33	NG	M10x1 f ø6/ø4 mm/ø1/4"	510	B505	double-wire	M10x1	F2.8x0.5	O
8400.9055.000	0.35	NG	M10x1 L13 s10 ø4 mm	510	B506	double-wire interr. (F)	M9x1	F2.8x0.5	V
8400.9056.000	0.35	NG	M10x1 f ø6/ø4 mm/ø1/4"	510	B505			F2.8x0.5	O
8400.9057.000	0.33	NG	M10x1 L13 s10 ø4 mm	510	B505	double-wire	M9x1	F2.8x0.5	O
8400.9058.000	0.44	NG	M10x1 L13 s10 ø4 mm	510	B505	double-wire	M9x1	F2.8x0.5	O
8400.9060.000	0.33	NG	M10x1 L13 s10 ø4 mm	510	B505	double-wire	M9x1	F2.8x0.5	V
8400.9061.000	0.35	NG	M10x1 L13 s10 ø4 mm	510	B505	double-wire interr. (F)	M9x1	F2.8x0.5	O
8400.9062.000	0.44	NG	M10x1 L13 s10 ø4 mm	510	B505	double-wire	M9x1	F2.8x0.5	O
8400.9063.000	0.33	NG	M10x1 L13 s10 ø4 mm	510	B506	double-wire interr. (F)	M9x1	F2.8x0.5	V
8400.9064.000	0.33	NG	M10x1 L13 s10 ø4 mm	510	B505	one-wire	M9x1	F2.8x0.5	O
8400.9065.000	0.33	NG	M10x1 L13 s10 ø4 mm	510	B505	one-wire	M9x1	F2.8x0.5	V
8400.9066.000	0.33	NG	M10x1 L13 s10 ø4 mm	510	B505	one-wire	M9x1	F2.8x0.5	O
8400.9068.000	0.33	NG	M10x1 L13 s10 ø4 mm	510	B505	one-wire	M9x1	F2.8x0.5	V
8400.9073.000	0.35	NG	M10x1 f ø6/ø4 mm/ø1/4"	510	B505	double-wire interr. (F)	M8x1	F2.8x0.5	O
8400.9074.000	0.33	NG	M10x1 L13 s10 ø4 mm	510	B505	double-wire interr. (F)	M9x1	F2.8x0.5	V
8400.9076.000	0.35	NG	M10x1 L16 s10 ø6 mm	510	B506	double-wire interr. (F)	M8x1	F2.8x0.5	V
8400.9077.000	0.33	NG	M10x1 L13 s10 ø4 mm	510	B506	one-wire	M10x1	F2.8x0.5	V
8400.9078.000	0.33	NG	M10x1 L13 s10 ø4 mm	510	B506	one-wire interr. (F)	M9x1	F2.8x0.5	V
8400.9079.000	0.33	NG	M10x1 L13 s10 ø4 mm	510	B505	one-wire interr. (F)	M9x1	F2.8x0.5	O
8400.9081.000	0.33	NG	M10x1 L13 s10 ø4 mm	510	B505	one-wire	M9x1	F2.8x0.5	O
8400.9082.000	0.33	NG	M10x1 L13 s10 ø4 mm	510	B505	one-wire	M9x1	F2.8x0.5	O
8400.9083.000	0.33	NG	M10x1 L13 s10 ø4 mm	510	B505	one-wire	M9x1	F2.8x0.5	V
8400.9084.000	0.33	NG	M10x1 L13 s10 ø4 mm	510	B506	one-wire	11/32"	F2.8x0.5	O
8400.9085.000	0.33	NG	M10x1 L13 s10 ø4 mm	510	B505	one-wire	M9x1	F2.8x0.5	V
8400.9086.000	0.44	NG	M10x1 L13 s10 ø4 mm	510	B505	one-wire	M9x1	F2.8x0.5	O
8400.9088.000	0.35	NG	M10x1 L13 s10 ø4 mm	510	B506	double-wire interr. (F)	M9x1	F2.8x0.5	O
8400.9089.000	0.33	NG	M10x1 L13 s10 ø4 mm	510	B505	one-wire interr. (F)	M9x1	F2.8x0.5	O
8400.9090.000	0.33	NG	M10x1 L13 s10 ø4 mm	510	B505	one-wire	M9x1	F2.8x0.5	V
8400.9093.000	0.33	NG	M10x1 L13 s10 ø4 mm	510	B505	one-wire	M10x1	F2.8x0.5	O
8400.9096.000	0.35	NG	M10x1 L13 s10 ø4 mm	510	B505	double-wire interr. (F)	M9x1	F2.8x0.5	V
8400.9097.000	0.33	NG	M10x1 L13 s10 ø4 mm	510	B506	double-wire	M10x1	F2.8x0.5	V
8400.9102.000	0.33	NG	M10x1 L13 s10 ø4 mm	510	B505	one-wire interr. (F)	M9x1	F2.8x0.5	O
8400.9103.000	0.33	NG	M10x1 L13 s10 ø4 mm	510	B505	one-wire interr. (F)	M9x1	F2.8x0.5	O
8400.9104.000	0.33	NG	1/8" f BSP B ø4 mm	510	B505	double-wire	2 F4.8x0.8	filo con F2.8x0.8	V
8400.9202.000	0.22	LPG	M10x1 f ø6/ø4 mm/ø1/4"	510	B505	double-wire	M9x1	ø1.6	V

(1) LPG: IIIrd family gas
NG: IInd family gas (natural gas)

(3) see pag. 47

(4) see pag. 58

(2)



(5) F: faston f: female
ATS: Anti Tilt Switch

(6)

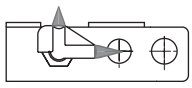
(7) V: vertical
O: horizontal

CODE	Injector ø [mm]	Gas type [1]	Gas connection [2] [5]	Orientation [3]	Bracket config. [4]	TC conductor [5]	Magnet conn. nut [5]	Spark electr.[mm] [5][6]	Gas inlet [7]	Bi-met.
8400.9203.000	0.22	LPG	M10x1 f ø6/ø4 mm/ø1/4"	510	B505			F2.8x0.5	V	
8400.9205.000	0.22	LPG	M10x1 L13 s10 ø4 mm	510	B505	double-wire	M9x1	F2.8x0.5	V	
8400.9213.000	0.22	LPG	1/8" f BSP B ø4 mm	510	B505	double-wire	M9x1	filo con Fø2.36	V	
8400.9214.000	0.22	LPG	M10x1 f ø6/ø4 mm/ø1/4"	510	B505	double-wire	M8x1	F2.8x0.5	V	
8400.9221.000	0.22	LPG	M10x1 L13 s10 ø4 mm	510	B505	double-wire	M9x1	F2.8x0.5	O	
8400.9222.000	0.22	LPG	M10x1 L13 s10 ø4 mm	510	B505	double-wire	M10x1	F2.8x0.5	O	
8400.9223.000	0.22	LPG	M10x1 L13 s10 ø4 mm	510	B505	double-wire	M9x1	F2.8x0.5	O	
8400.9224.000	0.22	LPG	M10x1 L13 s10 ø4 mm	510	B506	double-wire	M10x1	F2.8x0.5	V	
8400.9226.000	0.22	LPG	M10x1 L13 s10 ø4 mm	510	B505	double-wire	M10x1	F2.8x0.5	O	
8400.9228.000	0.22	LPG	M10x1 f ø6/ø4 mm/ø1/4"	510	B505	double-wire	M9x1	F2.8x0.5	O	
8400.9230.000	0.22	LPG	M10x1 f ø6/ø4 mm/ø1/4"	510	B505			F2.8x0.5	O	
8400.9232.000	0.22	LPG	special						V	
8400.9235.000	0.22	LPG	M10x1 L13 s10 ø4 mm	510	B505	double-wire	M9x1	F2.8x0.5	V	●
8400.9242.000	0.22	LPG	M10x1 f ø6/ø4 mm/ø1/4"	510	B505	TC without wire		F2.8x0.5	O	●
8400.9244.000	0.22	LPG	M10x1 L13 s10 ø4 mm	510	B506	double-wire interr. (F)	M9x1	F2.8x0.5	V	
8400.9245.000	0.22	LPG	M10x1 L13 s10 ø4 mm	510	B505	one-wire	M9x1	F2.8x0.5	V	
8400.9246.000	0.22	LPG	M10x1 L13 s10 ø4 mm	510	B505	one-wire	M9x1	F2.8x0.5	O	
8400.9247.000	0.22	LPG	M10x1 L13 s10 ø4 mm	510	B505	one-wire	M9x1	F2.8x0.5	O	
8400.9248.000	0.22	LPG	M10x1 L13 s10 ø4 mm	510	B505	one-wire	M9x1	F2.8x0.5	V	
8400.9249.000	0.22	LPG	M10x1 L13 s10 ø4 mm	510	B505	double-wire interr. (F)	M9x1	F2.8x0.5	O	
8400.9251.000	0.22	LPG	M10x1 f ø6/ø4 mm/ø1/4"	510	B505	double-wire interr. (F)	M8x1	F2.8x0.5	O	
8400.9258.000	0.22	LPG	M10x1 L13 s10 ø4 mm	510	B505	one-wire	M9x1	F2.8x0.5	V	
8400.9259.000	0.22	LPG	M10x1 L13 s10 ø4 mm	510	B505	one-wire	M9x1	F2.8x0.5	O	
8400.9261.000	0.22	LPG	M10x1 L13 s10 ø4 mm	510	B506	double-wire interr. (F)	M9x1	F2.8x0.5	O	
8400.9264.000	0.22	LPG	M10x1 L13 s10 ø4 mm	510	B505	one-wire interr. (F)	M9x1	F2.8x0.5	O	
8400.9265.000	0.22	LPG	M10x1 f ø6/ø4 mm/ø1/4"	510	B505	double-wire interr. (F)	M10x1	F2.8x0.5	O	
8400.9268.000	0.22	LPG	M10x1 f ø6/ø4 mm/ø1/4"	510	B505	one-wire	M8x1	F2.8x0.5	O	
8400.9272.000	0.22	LPG	M10x1 L13 s10 ø4 mm	510	B505	one-wire interr. (F)	M9x1	F2.8x0.5	O	
8400.9273.000	0.22	LPG	1/8" f BSP B ø4 mm	510	B505	double-wire	2 F4.8x0.8	filo con F2.8x0.8	V	
8400.9401.000	0.33	NG	M10x1 L13 s10 ø4 mm	520	B507	double-wire	11/32"	F2.8x0.5	O	
8400.9402.000	0.33	NG	M10x1 L13 s10 ø4 mm	520	B507	double-wire	11/32"	F2.8x0.5	O	
8400.9403.000	0.33	NG	M10x1 L13 s10 ø4 mm	520	B507	double-wire	M9x1	F2.8x0.5	O	
8400.9404.000	0.33	NG	M10x1 L13 s10 ø4 mm	520	B507	double-wire	M9x1	F2.8x0.5	O	
8400.9405.000	0.33	NG	M10x1 L13 s10 ø4 mm	520	B507	double-wire	M9x1	F2.8x0.5	O	
8400.9406.000	0.33	NG	M10x1 L13 s10 ø4 mm	520	B507	double-wire	M9x1	F2.8x0.5	O	
8400.9407.000	0.33	NG	M10x1 L13 s10 ø4 mm	520	B507	double-wire	11/32"	F2.8x0.5	V	
8400.9409.000	0.33	NG	M10x1 L13 s10 ø4 mm	520	B507	double-wire interr. (F)	M9x1	F2.8x0.5	O	
8400.9410.000	0.33	NG	M10x1 L13 s10 ø4 mm	520	B507	TC without wire		2 F2.8x0.5	V	
8400.9411.000	0.33	NG	M10x1 L13 s10 ø4 mm	520	B507	one-wire interr. (F)	M9x1	F2.8x0.5	O	
8400.9413.000	0.33	NG	M10x1 L13 s10 ø4 mm	520	B507	double-wire interr. (F)	M9x1	F2.8x0.5	O	
8400.9414.000	0.33	NG	M10x1 L13 s10 ø4 mm	520	B507	double-wire	M8x1	F2.8x0.5	O	
8400.9415.000	0.33	NG	M10x1 f ø6/ø4 mm/ø1/4"	520	B507	TC without wire		2 F2.8x0.5/ø1.6	O	
8400.9416.000	0.33	NG	M10x1 L13 s10 ø4 mm	520	B507	TC without wire		2 F2.8x0.5	V	
8400.9417.000	0.33	NG	M10x1 L13 s10 ø4 mm	520	B507	double-wire	11/32"	F2.8x0.5	O	
8400.9418.000	0.44	NG	M10x1 f ø6/ø4 mm/ø1/4"	520	B507	double-wire	M9x1	F2.8x0.5	O	
8400.9419.000	0.33	NG	M10x1 L13 s10 ø4 mm	520	B507	one-wire	M10x1	F2.8x0.5	O	
8400.9420.000	0.35	NG	M10x1 L13 s10 ø4 mm	520	B507	TC without wire		2 F2.8x0.5	O	
8400.9421.000	0.44	NG	M10x1 f ø6/ø4 mm/ø1/4"	520	B507			F2.8x0.5	O	
8400.9423.000	0.35	NG	M10x1 L13 s10 ø4 mm	520	B507	one-wire	M9x1	F2.8x0.5	O	

CODE	Injector ø [mm]	Gas type (1)	Gas connection (2) (5)	Orientation (3)	Bracket config. (4)	TC conductor (5)	Magnet conn. nut (5)	Spark electr.[mm] (5)(6)	Gas inlet (7)
8400.9601.000	0.22	LPG	M10x1 L13 s10 ø4 mm	520	B507	double-wire	11/32"	F2.8x0.5	O
8400.9603.000	0.22	LPG	M10x1 L13 s10 ø4 mm	520	B507	double-wire	M9x1	F2.8x0.5	O
8400.9701.000	0.22/0.35	LPG/NG	M10x1 f ø6/ø4 mm/ø1/4"	530	B508	double-wire	M9x1	F2.8x0.5	V
8400.9704.000	0.22/0.35	LPG/NG	M10x1 f ø6/ø4 mm/ø1/4"	510	B505	double-wire	M10x1	F2.8x0.5	V
8400.9705.000	0.22/0.35	LPG/NG	M10x1 f ø6/ø4 mm/ø1/4"	530	B508	double-wire	M9x1	F2.8x0.5	V
8400.9706.000	0.30	NG	M10x1 f ø6/ø4 mm/ø1/4"	530	B508	double-wire	M8x1	F2.8x0.5	O
8400.9707.000	0.30	NG	M10x1 L13 s10 ø4 mm	531	B508	one-wire	M9x1	F2.8x0.5	O
8400.9708.000	0.22/0.35	LPG/NG	M10x1 f ø6/ø4 mm/ø1/4"	510	B505	double-wire	M9x1	ø1.6	V
8400.9709.000	0.35	NG	M10x1 f ø6/ø4 mm/ø1/4"	530	B508	double-wire	M10x1	F2.8x0.5	V
8400.9712.000	0.22/0.35	LPG/NG	M10x1 f ø6/ø4 mm/ø1/4"	510	B505	one-wire	M10x1	ø1.6	V
8400.9713.000	0.22/0.35	LPG/NG	M10x1 f ø6/ø4 mm/ø1/4"	510	B505	one-wire	M8x1	ø1.6	V
8400.9714.000	0.33	NG	M10x1 f ø6/ø4 mm/ø1/4"	530	B508	one-wire	M9x1	F2.8x0.5	V
8400.9715.000	0.35	NG	M10x1 f ø6/ø4 mm/ø1/4"	530	B508	one-wire	M9x1	ø1.6	V
8400.9716.000	0.35	NG	M10x1 f ø6/ø4 mm/ø1/4"	530	B508	one-wire	M9x1	ø1.6	V
8400.9721.000	0.22	LPG	M10x1 f ø6/ø4 mm/ø1/4"	530	B508	double-wire	M10x1	F2.8x0.5	O
8400.9722.000	0.22	LPG	M10x1 f ø6/ø4 mm/ø1/4"	520	B507	double-wire	M10x1	F2.8x0.5	V
8400.9723.000	0.35	NG	M10x1 f ø6/ø4 mm/ø1/4"	540	B509	one-wire	M9x1	F2.8x0.5	V
8400.9724.000	0.33	NG	M10x1 f ø6/ø4 mm/ø1/4"	520	B507	double-wire	M9x1	F2.8x0.5	V
8400.9727.000	0.22/0.35	LPG/NG	M10x1 f ø6/ø4 mm/ø1/4"	511	B505	double-wire	M10x1	F2.8x0.5	V

ORIENTATIONS

510



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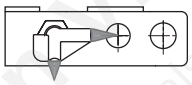
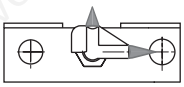


520



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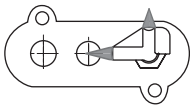
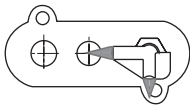
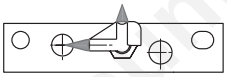


531



540

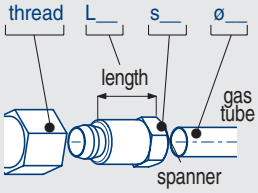


(1) LPG: III[rd] family gas
NG: II[nd] family gas (natural gas)

(3) see pag. 50

(4) see pag. 60

(2)

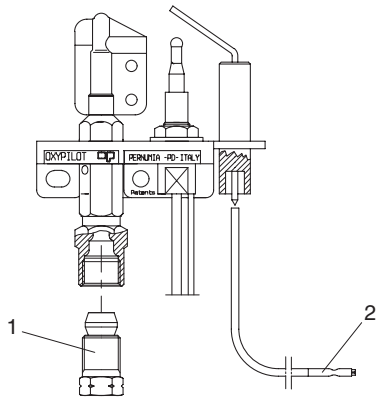


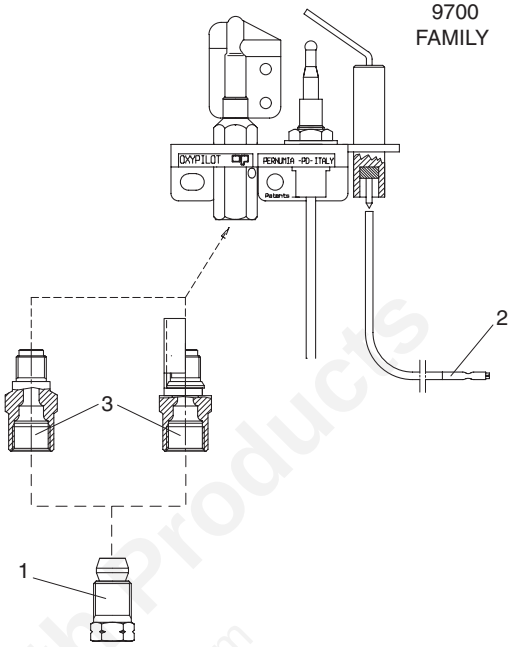
(5) F: faston f: female
ATS: Anti Tilt Switch

(6)

(7) V: vertical
O: horizontal

ACCESSORIES



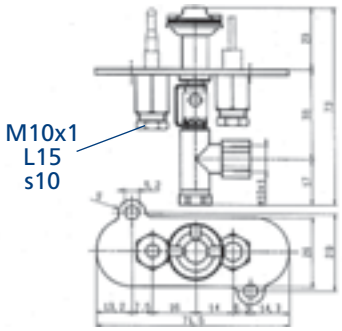


N.	CODE	Description	Quantity
1a	0.958.032	ø1/4" pilot tube shear-off (M10x1 L16 s10)	100
1b	0.958.031	ø6 mm pilot tube shear-off (M10x1 L16 s10)	100
1c	0.958.030	ø4 mm pilot tube shear-off (M10x1 L16 s10)	100
2	3010.9000.040	Spark electrode lead with faston 2.8x0.5 mm	
3a	7400.9700.400	ø0.22 mm LPG injector assembly for 9700 family	
3b	7400.9700.300	ø0.35 mm NG injector assembly for 9700 family	

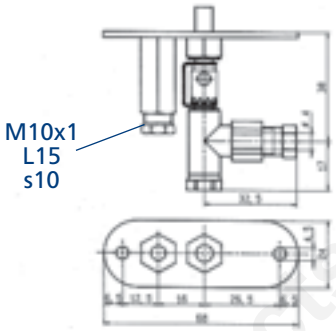
BRACKET CONFIGURATIONS

100 SERIES

E8



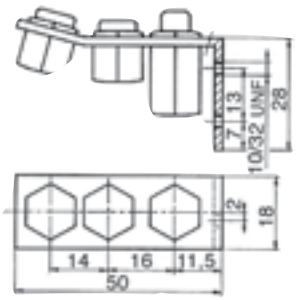
E10



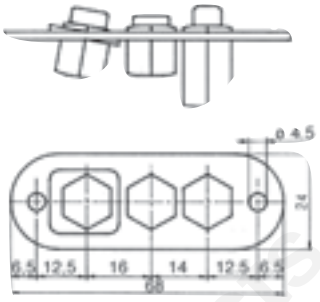
BRACKET CONFIGURATIONS

140-145-150 SERIES

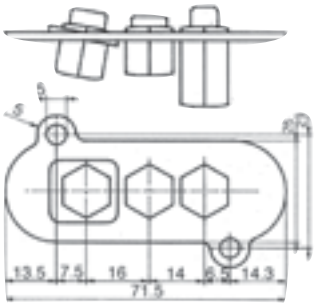
B1



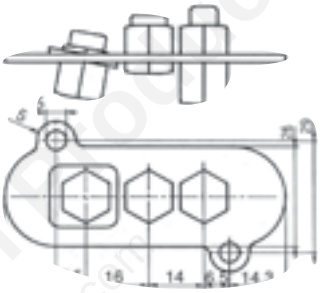
B4



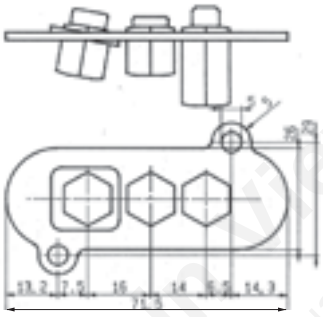
B5



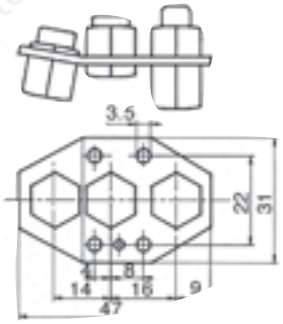
B6



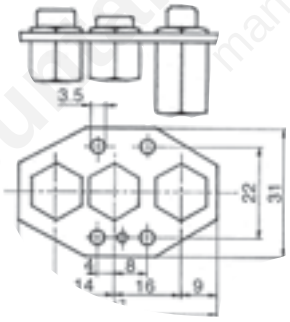
B7



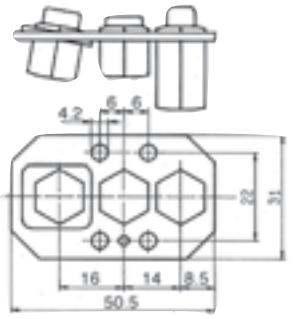
B9



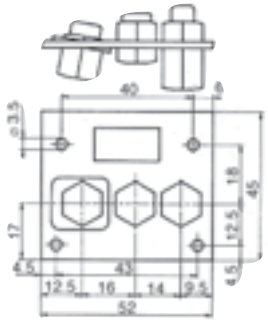
B10



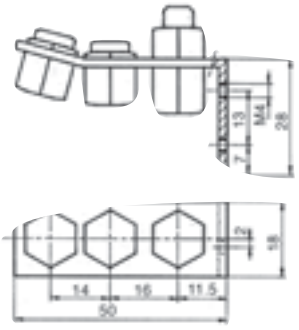
B13



B16



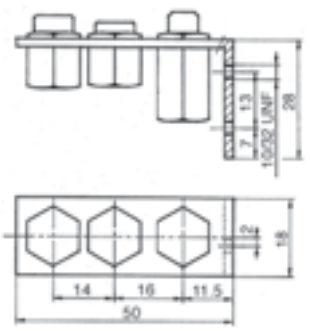
B17



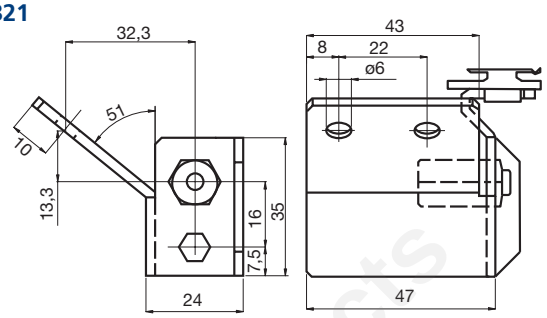
BRACKET CONFIGURATIONS

140-145-150 SERIES

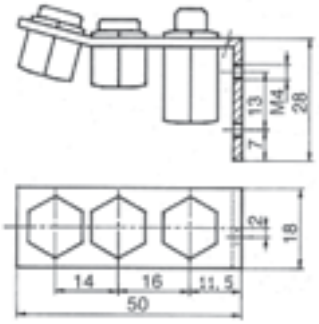
B20



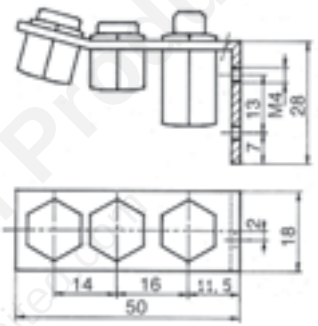
B21



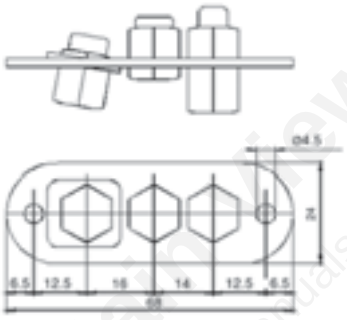
B22



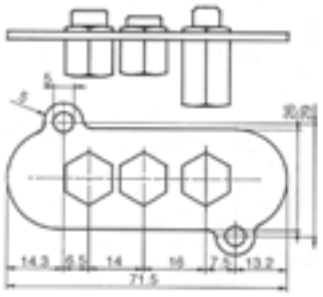
B23



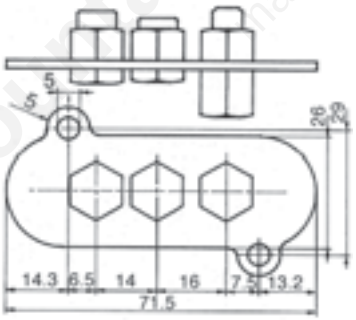
B24



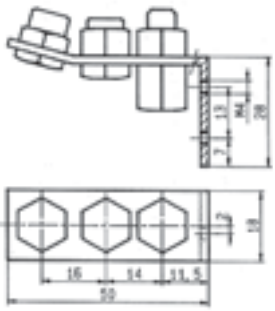
B30



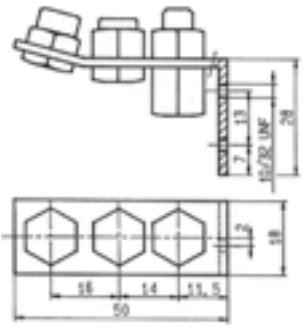
B31



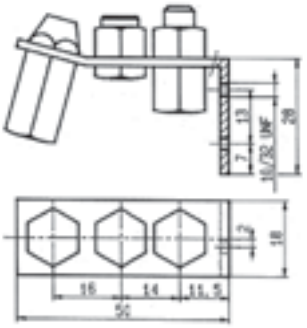
B33



B34



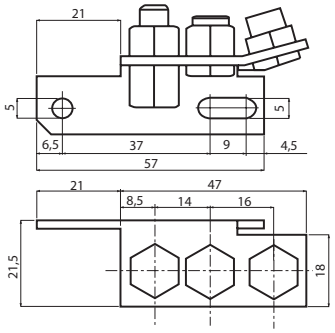
B35



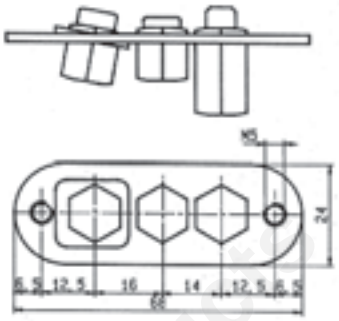
BRACKET CONFIGURATIONS

140-145-150 SERIES

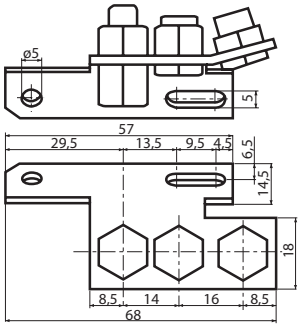
B37



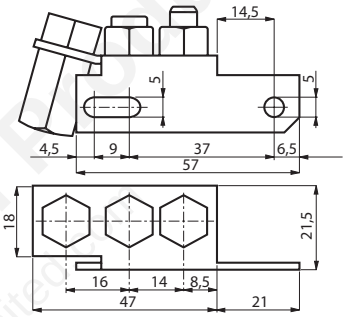
B38



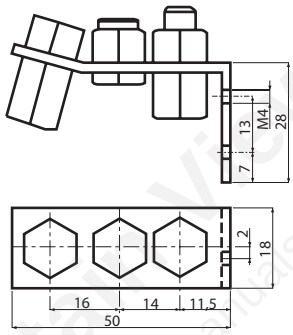
B39



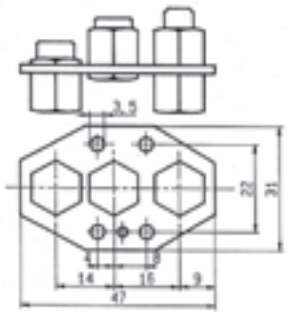
B40



B41



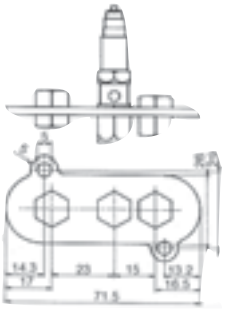
B51



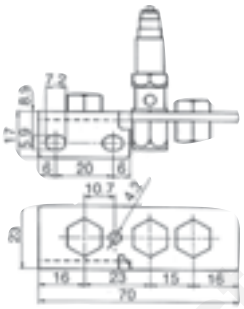
BRACKET CONFIGURATIONS

160 SERIES

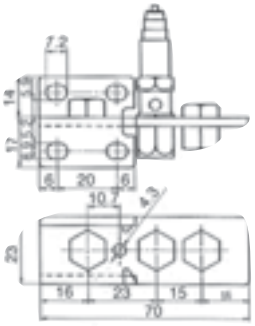
C1



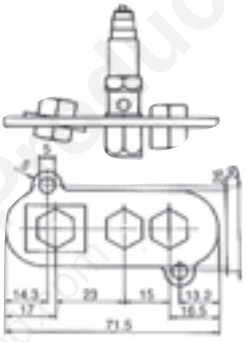
C3



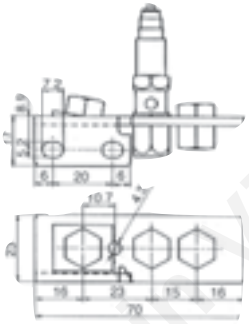
C4



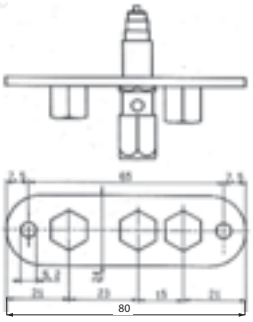
C7



C8



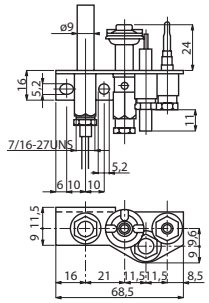
C9



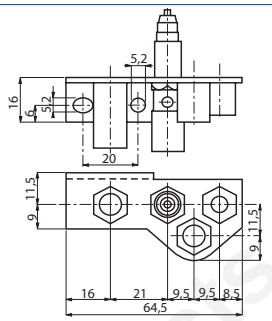
BRACKET CONFIGURATIONS

190 SERIES

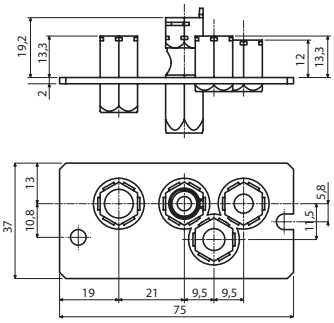
E4



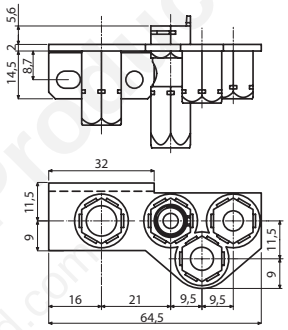
E9



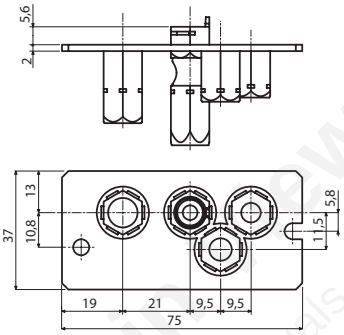
E15



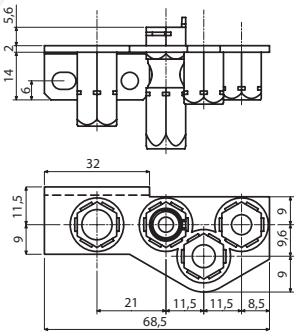
E16



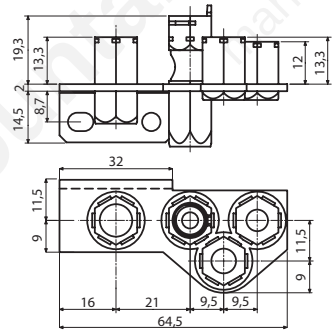
E17



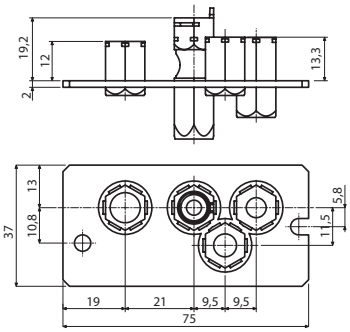
E18



E20

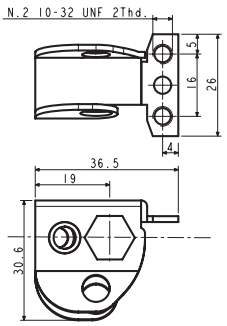


E21



PRIME AIR SERIES

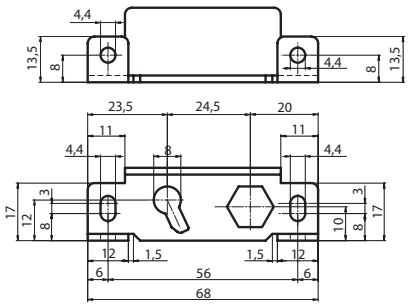
E11



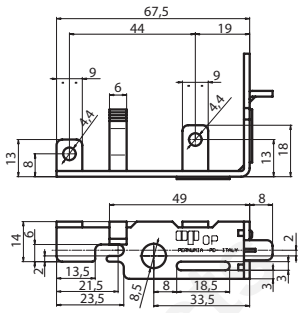
BRACKET CONFIGURATIONS

OXYPROTECTOR

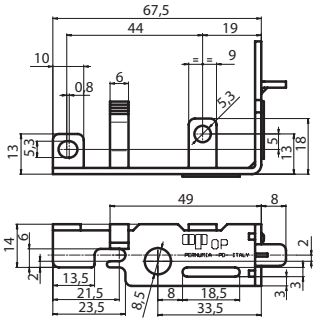
B500



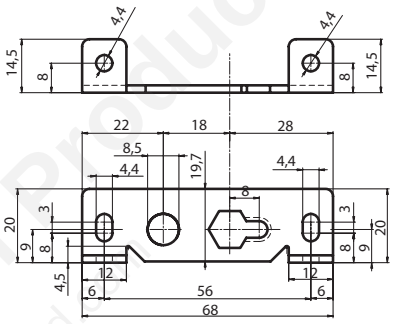
B501



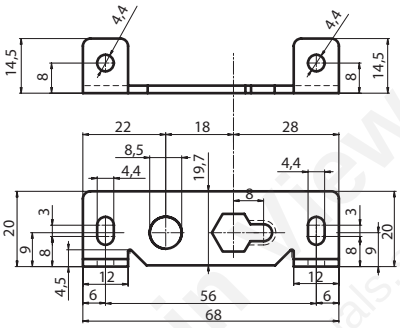
B502



B503



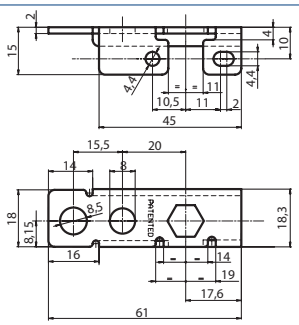
B504



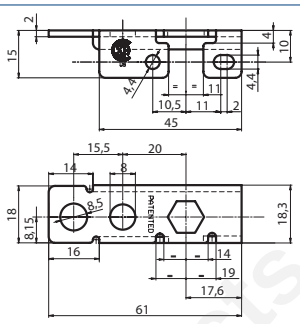
BRACKET CONFIGURATIONS

OXYPILOT

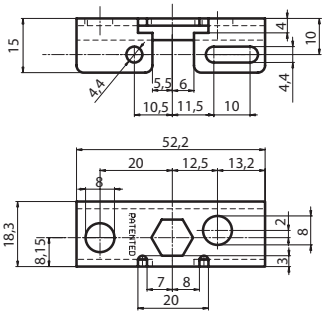
B505



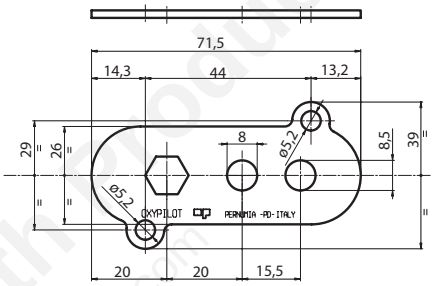
B506



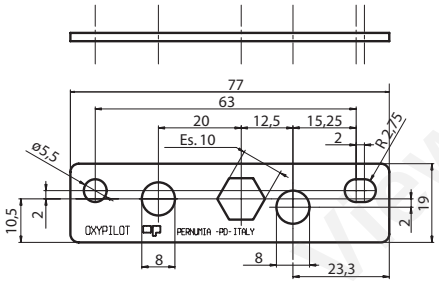
B507



B508

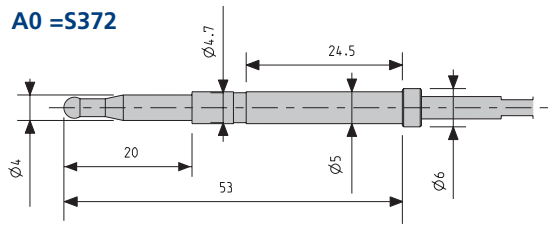


B509



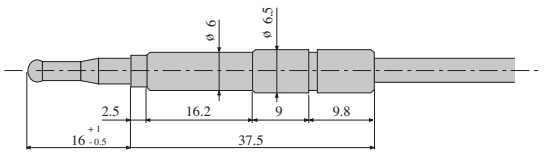
THERMOCOUPLE MOUNTING SLEEVES
MILLIVOLT GENERATOR

A0 =S372



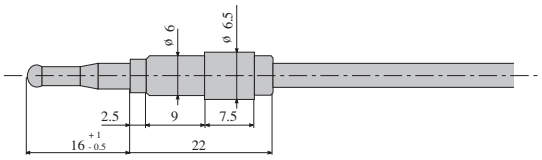
SPECIAL FOR PRIME AIR SERIES

A1 = S332



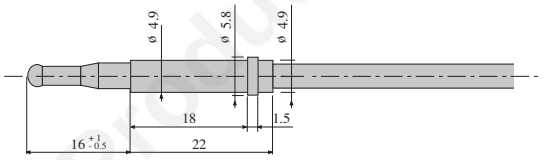
UNIFIED

A2 = S333



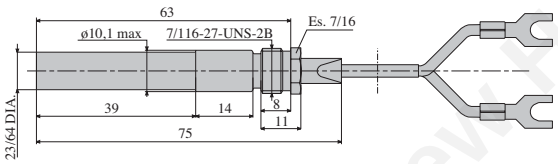
TARGET

A14 = S337



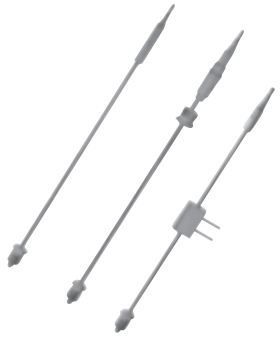
SPECIAL

THERMOPILE



0.940.002

TECHNICAL FEATURES
Thermocouples



200 SERIES

260 SERIES

270 SERIES

280 SERIES

290 SERIES

THERMOCOUPLES 200 SERIES

CHARACTERISTICS

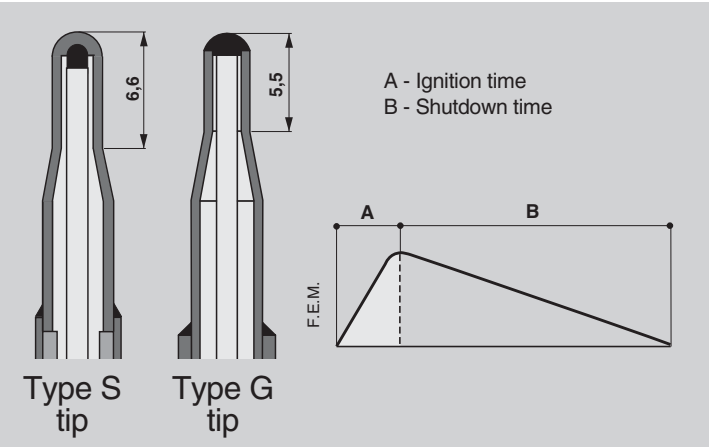
The 200 series is made for use on a vast range of gas appliances in which normal intervention times are requested for both ignition and shutdown.
The 200 series thermocouples can be supplied in various lengths:

- from 200 to 1,800 mm
- with different mounting sleeves
- with different fixing connectors.

It is also possible to have the tip coated in aluminium alloy to protect against the formation of carbon deposits.

TECHNICAL DATA

• Ignition time	≤ 6 seconds
• Shutdown time	30 - 60 seconds
• F.E.M. at 100°C	≥ 2 mV
• Resistance	= 9 + (0.015 x L) ± 4 mΩ
• Maximum tip temperature	600 °C
• Fixing connector torque	~3 Nm
• Minimum bending radius	≥ 15 mm



CODES-FEATURES SERIES 200

Code	Sleeve code	Magnet connection nut features	Length [mm]	Alluminized tip	Conductor (3)
0200001	S332	M9x1 L13.5 s9	220	no	Copper Pipe
0200003	S332	M9x1 L13.5 s9	320	no	Copper Pipe
0200005	S332	M9x1 L13.5 s9	400	no	Copper Pipe
0200007	S332	M9x1 L13.5 s9	500	no	Copper Pipe
0200008	S332	M9x1 L13.5 s9	500	no	Nickel plated pipe
0200009	S332	M9x1 L13.5 s9	600	no	Copper Pipe
0200010	S332	M9x1 L13.5 s9	600	no	Nickel plated pipe
0200011	S332	M9x1 L13.5 s9	750	no	Copper Pipe
0200013	S332	M9x1 L13.5 s9	850	no	Copper Pipe
0200014	S332	M9x1 L13.5 s9	850	no	Nickel plated pipe
0200015	S332	M9x1 L13.5 s9	1000	no	Copper Pipe
0200019	S332	M9x1 L13.5 s9	1200	no	Copper Pipe
0200021	S332	M9x1 L13.5 s9	1500	no	Copper Pipe
0200023	S332	M10x1 L10 s8	220	no	Copper Pipe
0200024	S332	M10x1 L10 s8	320	no	Copper Pipe
0200025	S332	M10x1 L10 s8	400	no	Copper Pipe
0200029	S332	M10x1 L10 s8	750	no	Copper Pipe
0200031	S332	M10x1 L10 s8	1000	no	Copper Pipe
0200032	S332	M8x1 L11 s8	850	yes	Copper Pipe
0200034	S332	M10x1 L10 s8	1200	no	Copper Pipe
0200035	S332	M10x1 L10 s8	1500	no	Copper Pipe
0200036	S332	11/32 ASA L14 s9	400	no	Copper Pipe
0200037	S332	11/32 ASA L14 s9	600	no	Copper Pipe
0200038	S332	11/32 ASA L14 s9	850	no	Copper Pipe
0200039	S332	11/32 ASA L14 s9	1000	no	Copper Pipe
0200040	S332	11/32 ASA L14 s9	1500	no	Copper Pipe
0200041	S335	M8x1 L11 s8	220	no	Copper Pipe
0200042	S335	M8x1 L11 s8	320	no	Copper Pipe
0200043	S335	M8x1 L11 s8	450	no	Copper Pipe
0200044	S335	M8x1 L11 s8	600	no	Copper Pipe
0200045	S335	M8x1 L11 s8	750	no	Copper Pipe
0200046	S335	M8x1 L11 s8	850	no	Copper Pipe
0200047	S335	M8x1 L11 s8	1000	no	Copper Pipe
0200049	S335	M8x1 L11 s8	1200	no	Copper Pipe
0200050	S335	M8x1 L11 s8	1500	no	Copper Pipe
0200051	S335	M9x1 L13.5 s9	220	no	Copper Pipe
0200052	S335	M9x1 L13.5 s9	320	yes	Copper Pipe
0200053	S335	M9x1 L13.5 s9	400	no	Copper Pipe
0200054	S335	M9x1 L13.5 s9	500	no	Copper Pipe
0200055	S335	M9x1 L13.5 s9	600	no	Copper Pipe
0200056	S335	M9x1 L13.5 s9	750	no	Copper Pipe
0200057	S335	M9x1 L13.5 s9	850	no	Copper Pipe
0200058	S335	M9x1 L13.5 s9	1000	no	Copper Pipe
0200060	S335	M9x1 L13.5 s9	1200	no	Copper Pipe
0200061	S335	M9x1 L13.5 s9	1500	no	Copper Pipe
0200064	S335	M10x1 L10 s8	400	no	Copper Pipe

Code	Sleeve code	Magnet connection nut features	Length [mm]	Alluminized tip	Conductor (3)
0200067	S335	M10x1 L10 s8	750	no	Copper Pipe
0200072	S335	M10x1 L10 s8	1500	no	Copper Pipe
0200121	S332	M8x1 L11 s8	320	no	Copper Pipe
0200123	S332	M8x1 L11 s8	450	no	Copper Pipe
0200124	S332	M8x1 L11 s8	600	no	Copper Pipe
0200125	S332	M8x1 L11 s8	750	no	Copper Pipe
0200126	S332	M8x1 L11 s8	850	no	Copper Pipe
0200127	S332	M8x1 L11 s8	1000	no	Copper Pipe
0200129	S332	M8x1 L11 s8	1200	no	Copper Pipe
0200130	S332	M8x1 L11 s8	1500	no	Copper Pipe
0200131	S348	M8x1 L11 s8	750	no	Copper Pipe
0200132	S332	M8x1 L11 s8	450	yes	Copper Pipe
0200139	S332	M9x1 L13.5 s9	1000	yes	Copper Pipe
0200153	S332	M8x1 L11 s8	500	no	Copper Pipe
0200170	S332	M10x1 L10 s8	750	yes	Copper Pipe
0200172	S332	M10x1 L10 s8	500	yes	Copper Pipe
0200179	S336	11/32 ASA L14 s9	1000	yes	Copper Pipe
0200185	S332	M9x1 L13.5 s9	600	yes	Copper Pipe
0200186	S332	M9x1 L13.5 s9	750	yes	Copper Pipe
0200198	S336	11/32 ASA L14 s9	750	yes	Copper Pipe
0200201	S340	M10x1 L10 s8	320	no	Copper Pipe
0200207	S336	11/32 ASA L14 s9	660	no	Copper Pipe
0200209	S332	M9x1 L13.5 s9	1200	yes	Copper Pipe
0200216	S333	M9x1 L13.5 s9	1500	yes	Copper Pipe
0200221	S336	11/32 ASA L14 s9	450	yes	Copper Pipe
0200227	S347	11/32 ASA L14 s9	1000	yes	Copper Pipe
0200228	S005	M9x1 L13.5 s9	320	no	Copper Pipe
0200229	S333	M9x1 L13.5 s9	220	no	Copper Pipe
0200230	S333	M9x1 L13.5 s9	320	no	Copper Pipe
0200231	S333	M9x1 L13.5 s9	400	yes	Copper Pipe
0200232	S333	M9x1 L13.5 s9	500	no	Copper Pipe
0200233	S333	M9x1 L13.5 s9	600	no	Copper Pipe
0200235	S333	M9x1 L13.5 s9	850	no	Copper Pipe
0200236	S333	M9x1 L13.5 s9	1000	no	Copper Pipe
0200237	S005	M9x1 L13.5 s9	600	no	Copper Pipe
0200238	S006	M9x1 L13.5 s9	600	no	Copper Pipe
0200239	S332	M9x1 L13.5 s9	450	yes	Copper Pipe
0200240	S354		1800	yes	Copper Pipe
0200241	S354		1200	yes	Copper Pipe
0200242	S354		900	yes	Copper Pipe
0200243	S354		600	yes	Copper Pipe
0200244	S349	11/32 ASA L14 s9	600	yes	Copper Pipe
0200245	S349	11/32 ASA L14 s9	1000	yes	Copper Pipe
0200246	S349	11/32 ASA L14 s9	1500	yes	Copper Pipe
0200248	S332	M8x1 L11 s8	600	yes	Copper Pipe
0200249	S358	M8x1 L11 s8	600	no	Copper Pipe

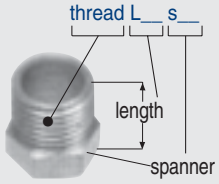
Code	Sleeve code	Magnet connection nut features	Length [mm]	Alluminized tip	Conductor (3)
0200250	S359	11/32 ASA L14 s9	600	no	Copper Pipe
0200251	S334	M9x1 L13.5 s9	450	yes	Copper Pipe
0200254	S332	M9x1 L13.5 s9	850	yes	Copper Pipe
0200255	S332	M9x1 L13.5 s9	320	yes	Copper Pipe
0200258	S333	11/32 ASA L14 s9	600	yes	Copper Pipe
0200260	S335	11/32 ASA L14 s9	1200	no	Copper Pipe
0200261	S332	M9x1 L13.5 s9	1500	yes	Copper Pipe
0200262	S335	M10x1 L10 s8	320	yes	Copper Pipe
0200263	S335	11/32 ASA L14 s9	750	no	Copper Pipe
0200271	S332	11/32 ASA L14 s9	600	yes	Copper Pipe
0200272	S333	11/32 ASA L14 s9	400	no	Copper Pipe
0200273	S369	11/32 ASA L14 s9	450	yes	Copper Pipe
0200274	S333	M10x1 L10 s8	220	no	Copper Pipe
0200276	S333	11/32 ASA L14 s9	550	yes	Copper Pipe
0200281	S348	11/32 ASA L14 s9	260	no	Copper Pipe
0200282	S348	M8x1 L11 s8	260	no	Copper Pipe
0200283	S332		1800	yes	Copper Pipe
0200402	S338	M9x1 L13.5 s9	1000	no	Copper Pipe
0200517	S372	11/32 ASA L14 s9	450	yes	Copper Pipe
0200518	S372	11/32 ASA L14 s9	600	yes	Copper Pipe
0200519	S372	11/32 ASA L14 s9	750	yes	Copper Pipe
0200520	S372	11/32 ASA L14 s9	600	yes	Copper Pipe
G1700203	G065	M9x1 L12.5 s9	400	no	Copper Pipe
G1700204	G065	M9x1 L12.5 s9	450	no	Copper Pipe
G1700215	G065		300		Copper Pipe
G1700216	G065		900		Copper Pipe
G1700402	G065	11/32 ASA L13 s9	320	no	Copper Pipe
G1700404	G065	11/32 ASA L13 s9	450	no	Copper Pipe
G1701102	G064		320		Copper Pipe
G1701312	G064	M10x1 L12.5 s10	1500	no	Copper Pipe
G1701312	G064		1500		Copper Pipe
G1701409	G064	11/32 ASA L13 s9	1000	no	Copper Pipe
G1710304	G029		500		Copper Pipe
G1710305	G029	M10x1 L12.5 s10	600	no	Copper Pipe
G1712103	G067	M8x1 L12.5 s8	1200	yes	Copper Pipe
G1712203	G027	11/32 ASA L13 s9	600	no	Copper Pipe
G1712208	G027	11/32 ASA L13 s9	500	no	Copper Pipe
G1712214	G107	M9x1 L12.5 s9	600	no	Copper Pipe
G1712215	G107	M9x1 L12.5 s9	300	no	Copper Pipe
G1712217	G062	M9x1 L12.5 s9	600	no	Copper Pipe
G1712218	G062	M9x1 L12.5 s9	320	no	Copper Pipe
G1712402	G062	11/32 ASA L13 s9	500	no	Copper Pipe
G1716101	G104	M8x1 L12.5 s8	320	no	Copper Pipe
G1718413	G121/A	11/32 ASA L13 s9	520	no	Copper Pipe
G1723401	G016	11/32 ASA L13 s9	450	no	Copper Pipe
G1723401	G016		450		Copper Pipe

Code	Sleeve code	Magnet connection nut features	Length [mm]	Alluminized tip	Conductor (3)
G1723403	G016	11/32 ASA L13 s9	750	no	Copper Pipe
G1723405	G016	11/32 ASA L13 s9	900	no	Copper Pipe
G1727103	G003	M8x1 L12.5 s8	270	no	Braided wire
G1727104	G003	M8x1 L12.5 s8	425	no	Braided wire
G1727201	G003	M9x1 L12.5 s9	1100	no	Braided wire
G1727301	S333		1200		Braided wire
G1902415	G065		600		Copper Pipe

(1) see pag. 86 to 91

(3) see pag. 92

(2)



THERMOCOUPLES 260 SERIES

CHARACTERISTICS

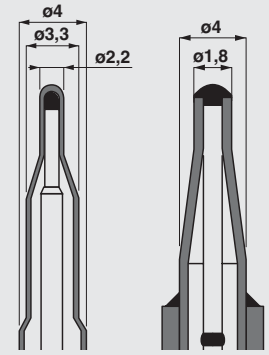
The 260 series was made for use on gas cookers or for direct applications on flames where the use of pilots is not envisaged.
The intervention time on ignition is very brief and normal on shutdown.
The 260 series thermocouples can be provided in various lengths:

- from 200 to 1,400 mm
- with different mounting sleeves
- with different fixing connectors.

It is also possible to have the tip coated in aluminium alloy to protect against the formation of carbon deposits.

TECHNICAL DATA

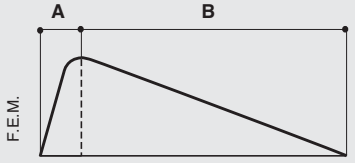
• Ignition time	≤ 3 seconds
• Shutdown time	30 - 60 seconds
• F.E.M. at 100°C	≥ 2 mV
• Resistance	= 9 + (0.015 x L) ± 4 mΩ
• Maximum tip temperature	600 °C
• Fixing connector torque	~3 Nm
• Minimum bending radius	≥ 15 mm



Type S tip

Type G tip

A - Ignition time
B - Shutdown time



CODES-FEATURES SERIES 260

Code	Sleeve code	Magnet connection nut features	Length [mm]	Alluminized tip	Conductor (3)
0260032	S338	M8x1 L11 S8	500	no	Copper Pipe
0260041	S335	M8x1 L11 S8	220	no	Copper Pipe
0260042	S335	M8x1 L11 S8	320	no	Copper Pipe
0260043	S335	M8x1 L11 S8	450	no	Copper Pipe
0260047	S335	M8x1 L11 S8	1000	no	Copper Pipe
0260049	S335	M8x1 L11 S8	1200	no	Copper Pipe
0260131	S337	M8x1 L11 S8	220	yes	Copper Pipe
0260132	S337	M8x1 L11 S8	450	yes	Copper Pipe
0260136	S337	M8x1 L11 S8	400	no	Copper Pipe
0260137	S337	M8x1 L11 S8	600	no	Copper Pipe
0260138	S337	M8x1 L11 S8	750	yes	Copper Pipe
0260139	S337	M8x1 L11 S8	320	no	Copper Pipe
0260140	S337	M8x1 L11 S8	500	no	Copper Pipe
0260141	S337	M8x1 L11 S8	1200	no	Copper Pipe
0260142	S337	M8x1 L11 S8	900	no	Copper Pipe
0260143	S337	M8x1 L11 S8	450	no	Copper Pipe
0260144	S337	M8x1 L11 S8	220	yes	Copper Pipe
0260145	S337	M8x1 L11 S8	450	yes	Copper Pipe
0260146	S351	M8x1 L11 S8	220	no	Copper Pipe
0260147	S351	M8x1 L11 S8	320	no	Copper Pipe
0260148	S351	M8x1 L11 S8	450	yes	Copper Pipe
0260149	S351	M8x1 L11 S8	600	no	Copper Pipe
0260150	S335	M8x1 L11 S8	1400	no	Copper Pipe
0260151	S335	M8x1 L11 S8	400	no	Copper Pipe
0260152	S335	M8x1 L11 S8	850	no	Copper Pipe
0260153	S360	M8x1 L11 S8	500	yes	Copper Pipe
0260154	S335	M8x1 L11 S8	1200	yes	Copper Pipe
0260155	S335	M8x1 L11 S8	450	yes	Copper Pipe
0260156	S363	M8x1 L11 S8	450	yes	Copper Pipe
0260157	S337	M9x1 L11 S9	750	yes	Copper Pipe
0260158	S363	M8x1 L11 S8	1200	yes	Copper Pipe
0260159	S360	M8x1 L11 S8	750	yes	Copper Pipe
0260160	S367	M8x1 L11 S8	1400	No	Copper Pipe
0260164	S337	11/32 ASA L14 S9	600	No	Copper Pipe
G1719105	G110		600	no	Double wire
G1719106	G110		320	no	Double wire
G1719107	G110		500	no	Double wire
G1719108	G110		750	no	Double wire
G1731101	G086	M8x1 L12.5 S8	600	no	Copper Pipe
G1731102	G086		600		Braided wire
G1731104	G086		500		Copper Pipe
G1731108	G086	M8x1 L12.5 S8	200	no	Braided wire
G1731109	G086		500		Braided wire
G1731110	G086	M8x1 L12.5 S8	380	no	Braided wire
G1731113	G086		300		Copper Pipe
G1731114	G086		300		Braided wire
G1731115	G086		430		Braided wire

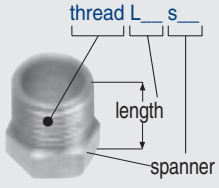
Code	Sleeve code	Magnet connection nut features	Length [mm]	Alluminized tip	Conductor (3)
G1731116	G086		400		Braided wire
G1731117	G101	M8x1 L12.5 S8	500	no	Braided wire
G1731118	G101		200		Braided wire
G1731119	G086	M8x1 L12.5 S8	700	no	Copper Pipe
G1731120	G101	M8x1 L12.5 S8	750	no	Copper Pipe
G1731121	G086		320		Copper Pipe
G1731122	G103		320		Copper Pipe
G1731123	G103		500		Copper Pipe
G1731124	G103		750		Copper Pipe
G1731125	G101		400		Copper Pipe
G1731126	G105	M8x1 L12.5 S8	320	no	Copper Pipe
G1731127	G105	M8x1 L12.5 S8	500	no	Copper Pipe
G1731131	G101				One wire
G1731132	G086				One wire
G1731133	G086	M8x1 L12.5 S8	220	no	Copper Pipe
G1731134/A	G102		500		Copper Pipe
G1731135	G102		750		Copper Pipe
G1731140	G105		750		Copper Pipe
G1734101	G086	M8x1 L12.5 S8	350	no	One wire
G1734102	G086		350		One wire
G1734103	G086		600		One wire
G1734104	G086		600		One wire
G1734105	G086		750		One wire
G1734106	G086		750		One wire
G1734501	G086		350		One wire
G1734502	G086		320		One wire
G1734503	G086		500		One wire
G1734504	G101		600		One wire
G1734505	G101		750		One wire
G1734506	G101		850		One wire
G1734507	G101		350		One wire
G1734508	G086		600		One wire
G1734509	G086		750		One wire
G1734510	G086		850		One wire
G1734511	G101		500		One wire
G1734512	G101		320		One wire
G1735101	G113	M8x1 L12.5 S8	320	no	Copper Pipe
G1735102	G113		450		Copper Pipe
G1735103	G113	M8x1 L12.5 S8	500	no	Copper Pipe
G1735104	G113	M8x1 L12.5 S8	600	no	Copper Pipe
G1735105	G113	M8x1 L12.5 S8	700	no	Copper Pipe
G1735106	G109		320		Copper Pipe
G1735107	G109		600		Copper Pipe
G1735108	G109		750		Copper Pipe
G1735109	G110	M8x1 L12.5 S8	500	no	Copper Pipe
G1735110	G110		600		Copper Pipe
G1735111	G110		750		Copper Pipe

Code	Sleeve code	Magnet connection nut features	Length [mm]	Alluminized tip	Conductor (3)
G1735112	G113		220		Copper Pipe
G1735113/C	G113	M8x1 L12.5 S8	750	no	Copper Pipe
G1735115	G109		400		Copper Pipe
G1735116	G110		400		Copper Pipe
G1735117	G113		300		Copper Pipe
G1735118	G064	M8x1 L12.5 S8	200	no	Copper Pipe
G1736501	G108		320	no	One wire
G1736502	G108		350		One wire
G1736503	G108		500	no	One wire
G1736504	G108		600		One wire
G1736505	G108		750	no	One wire
G1736506	G108		850		One wire
G1736507	G109		320		One wire
G1736508	G109		350		One wire
G1736509	G109		500	no	One wire
G1736510	G109		600	no	One wire
G1736511	G109		750		One wire
G1736512	G109		800		One wire
G1736514	G110		600	no	One wire
G1736516	G108		400		One wire
G1736517	G110		500	no	One wire
G1736518	G108		200	no	One wire
G1736519	G108		230	no	One wire
G1736520	G108		440		One wire
G1736521	G108		470	no	One wire
G1736522	G108		240	no	One wire
G1737501	G101		600		One wire
G1737502	G086		600		One wire
G1739103	G108	M8x1 L12.5 S8	500	no	Braided wire
G1739109	G110	M8x1 L12.5 S8	500	no	Braided wire
G1739112	G108	M8x1 L12.5 S8	200	no	Braided wire
G1739113	G108	M8x1 L12.5 S8	380	no	Braided wire
G1739114	G109	M8x1 L12.5 S8	200	no	Braided wire
G1739115	G109	M8x1 L12.5 S8	500	no	Braided wire
G1744504	G108		600		One wire
G1744514	G110		600		One wire
G1747501	G108		600	no	Double wire
G1747502	G109		750	no	Double wire

(1) see pag. 86 to 91

(3) see pag. 92

(2)



THERMOCOUPLES 270 SERIES

CHARACTERISTICS

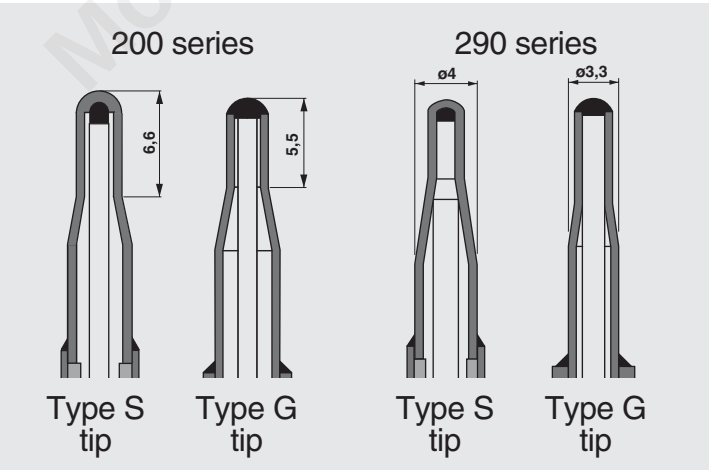
The 270 series is characterised by the interruption of the thermoelectric circuit, between the tip and the terminal. It is therefore possible to insert safety devices (temperature limiters).
The 270 series thermocouples can be provided in various lengths:

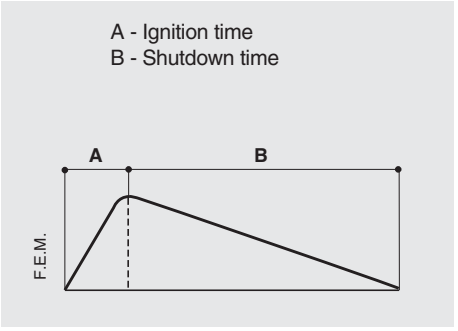
- from 230 to 1,200 mm
- with different mounting sleeves
- with different fixing connectors
- with tips series 200 and 290.

It is also possible to have the tip coated in aluminium alloy to protect against the formation of carbon deposits.

TECHNICAL DATA

• Ignition time	≤ 6 seconds
• Shutdown time:	- 200 series (30 - 60 seconds)
	- 290 series ≤ 30 seconds
• F.E.M. at 100 °C	≥ 2 mV
• Resistance	= 9 + (0.015 x L) ± 4 mΩ
• Maximum tip temperature	600 °C
• Fixing connector torque	~ 3 Nm
• Minimum bending radius	≥ 15 mm





CODES-FEATURES SERIES 270

Code	Sleeve code (1)	Magnet connection nut features (2)	Length [mm]	Conductor (3)	Tip type(4)	interruption terminals (5)	C(6) [mm]	Leeds [mm] HT (7)	Therm [°C]
0270009	S332	M9x1 L13.5 s9	600	Copper Pipe	A,N		130	820 NT	
0270010	S332	M9x1 L13.5 s9	1000	Copper Pipe	A,N		130	820 NT	
0270015	S333	M9x1 L13.5 s9	600	Copper Pipe	N		180	400 HT	
0270400	S332	M9x1 L13.5 s9	1000	Copper Pipe	N		130		
0270405	S338	M9x1 L13.5 s9	1000	Copper Pipe	A,N		130		
0270407	S332	M9x1 L13.5 s9	320	Copper Pipe	N		130		
0270408	S332	M9x1 L13.5 s9	600	Copper Pipe	N	F	130		
0270409	S332	11/32 ASA L14 s9	600	Copper Pipe	A,N	F	130		
0270410	S332	M9x1 L13.5 s9	600	Copper Pipe	N		180		
0270411	S333	11/32 ASA L14 s9	400	Copper Pipe	A,Q	F	180		
0270412	S332	11/32 ASA L14 s9	600	Copper Pipe	N		180		
0270416	S332	M9x1 L13.5 s9	600	Copper Pipe	A,N		130		
0270417	S335	M9x1 L13.5 s9	600	Copper Pipe	A,N		130		
0270419	S332	M9x1 L13.5 s9	400	Copper Pipe	A,N		130		
0270422	S332	M9x1 L13.5 s9	600	Copper Pipe	A,Q		180		
0270423	S332	11/32 ASA L14 s9	320	Copper Pipe	A,N		130		
0270424	S339	11/32 ASA L14 s9	600	Copper Pipe	A,N		130		
0270425	S337	M10x1 L10 s8	600	Copper Pipe	A,Q	F	130		
0270426	S332	M9x1 L13.5 s9	1000	Copper Pipe	A,N		130		
0270427	S333	M9x1 L13.5 s9	400	Copper Pipe	A,Q		180		
0270428	S333	11/32 ASA L14 s9	400	Copper Pipe	A,Q		180	690 NT	
0270429	S333	11/32 ASA L14 s9	600	Copper Pipe	A,Q		180	690 NT	
0270430	S333	M9x1 L13.5 s9	600	Copper Pipe	A,Q	F	130		
0270431	S335	M9x1 L13.5 s9	450	Copper Pipe	A,N		130		
0270432	S333	M10x1 L10 s8	350	Copper Pipe	A,Q		130	500 HT	
0270433	S333	M10x1 L10 s8	600	Copper Pipe	A,Q	F	180	150 HT	
0270434	S332	11/32 ASA L14 s9	600	Copper Pipe	N	F	180	700 NT	
0270435	S335	M8x1 L12.5 s8	1200	Copper Pipe	N		130		
0270436	S332	M9x1 L13.5 s9	600	Copper Pipe	N		130	600 NT	
0270437	S332	M10x1 L10 s8	600	Copper Pipe	N	F	130		
0270438	S332	M9x1 L13.5 s9	600	Copper Pipe	A,N	F	130		
0270439	S332	M10x1 L10 s8	1000	Copper Pipe	Q		130	600 HT	
0270440	S337	M10x1 L10 s10	1000	Copper Pipe	A,Q		130	600 HT	
0270441	S332	M8x1 L12.5 s8	1200	Copper Pipe	N		130		
0270442	S334	M9x1 L13.5 s9	450	Copper Pipe	A,N		130		
0270443	S337	M9x1 L13.5 s9	320	Copper Pipe	A,Q		130	500 HT	
0270444	S335	11/32 ASA L14 s9	1000	Copper Pipe	N		130	600 HT	
0270445	S333	11/32 ASA L14 s9	400	Copper Pipe	A,Q		180	300 NT	
0270446	S333	M9x1 L13.5 s9	400	Copper Pipe	A,Q	F	180	400 HT	
0270447	S333	11/32 ASA L14 s9	600	Copper Pipe	A,N		180	150 HT	
0270448	S333	M9x1 L13.5 s9	450	Copper Pipe	Q	F	180		
0270449	S332	M9x1 L13.5 s9	525	Copper Pipe	A,Q	F	330		
0270450	S332	M9x1 L13.5 s9	700	Copper Pipe	A,Q	F	330		
0270451	S333		400	Copper Pipe	Q		180	300 NT	
0270452	S332	M10x1 L10 s8	320	Copper Pipe	N	F	130		
0270453	S333	M10x1 L10 s8	600	Copper Pipe	Q	F	180	450+300 HT	
0270454	S332	M9x1 L13.5 s9	400	Copper Pipe	N	F	180	400 HT	

Code	Sleeve code (1)	Magnet connection nut features (2)	Length [mm]	Conductor (3)	Tip type(4)	interruption terminals (5)	C(6) [mm]	Leeds [mm] HT (7)	Therm [°C]
0270455	S333	M9x1 L13.5 s9	470	Copper Pipe	Q	F	280		
0270456	S333	11/32 ASA L14 s9	600	Copper Pipe	N	F	180	150 HT	
0270457	S333	11/32 ASA L14 s9	600	Copper Pipe	N	F	180	150 HT	
0270458	S333	M9x1 L13.5 s9	470	Copper Pipe	N		280		
0270459	S332		400	Copper Pipe	N	F	180	400 HT	
0270460	S333	M9x1 L13.5 s9	600	Copper Pipe	N	F	180	400 HT	
0270462	S333	M9x1 L13.5 s9	370	Copper Pipe	A,Q		130	600 HT	
0270463	S333	M9x1 L13.5 s9	350	Copper Pipe	A,Q	R	130	300 HT	
0270500	S333	11/32 ASA L14 s9	900	Copper Pipe	A,N	F	130		
0270501	S333	11/32 ASA L14 s9	600	Copper Pipe	A,N	F	130		
0270502	S333	M10x1 L11 s10	600	Copper Pipe	A,N	F	130		
0270503	S333	11/32 ASA L14 s9	550	Copper Pipe	N	F	130		
0270504	S333	11/32 ASA L14 s9	500	Copper Pipe	N	F	130		
0270505	S333	M8x1 L11 s8	600	Copper Pipe	N	F	180	400 HT	
0270506	S333	M10x1 L10 s8	600	Copper Pipe	A,Q		130	500 HT	
0270507	S333	M10x1 L10 s8	550	Copper Pipe	A,Q		130	500 HT	
0270601	S368	11/32 ASA L14 s9	450	Copper Pipe	N				
0270602	S368	11/32 ASA L14 s9	450	Copper Pipe	N				
0270603	S339	11/32 ASA L14 s9	600	Copper Pipe	N				
G1736524	S332		420	One wire					
G1740102	G003	M8x1 L12.5 s8	390	Braided wire	N	F	145	47	
G1900301		M10x1 L12.5 s10	550	Copper Pipe	N		150	500	
G1900307		M10x1 L12.5 s10	350	Copper Pipe	N		100	600	
G1900309	G065	M10x1 L12.5 s10	550	Copper Pipe	N		150	400	
G1902104	G065		400	Copper Pipe				400	
G1902105	G065	M8x1 L12.5 s8	370	Copper Pipe	Q	F	70	800	
G1902106	G065		400	Copper Pipe				400	
G1902107	G065	M8x1 L12.5 s8	450	Copper Pipe	Q		100	400	
G1902108	G065	M8x1 L12.5 s8	510	Copper Pipe	Q		255	400	
G1902201	G065	M9x1 L12.5 s9	800	Copper Pipe	N	F	400	400	
G1902218	G065		370	Copper Pipe				800	
G1902219	G065	M9x1 L12.5 s9	800	Copper Pipe	Q	F	300	900	
G1902220	G065		600	Copper Pipe				400	
G1902221	G065	M9x1 L12.5 s9	800	Copper Pipe	Q	F	400	600	
G1902225	G065	M8x1 L12.5 s8	600	Copper Pipe	N	F	300	50	
G1902226	G065	M9x1 L12.5 s9	600	Copper Pipe	N	F	300	50	
G1902227	G065	M9x1 L12.5 s9	800	Copper Pipe	N		400	50	
G1902228	G065	M9x1 L12.5 s9	600	Copper Pipe	N		300	600	
G1902229	G065	M9x1 L12.5 s9	400	Copper Pipe	Q	F	200	250	
G1902230	G066/B	M9x1 L12.5 s9	325	Copper Pipe	N	F	75	300	
G1902304	G065	M10x1 L12.5 s10	1000	Copper Pipe	N	F	500	600	
G1902409	G065	11/32 ASA L13 s9	600	Copper Pipe	N	F	300	600	
G1902418	G065	11/32 ASA L13 s9	730	Copper Pipe	N		330	500	
G1902423	G065	11/32 ASA L13 s9	800	Copper Pipe	N	F	400	400	
G1902424	G065	11/32 ASA L13 s9	730	Copper Pipe	N		330	850-1200	75
G1902427	G065	11/32 ASA L13 s9	570	Copper Pipe	N	F	265	850	
G1902431	G065	11/32 ASA L13 s9	630	Copper Pipe	N	F	225	700	

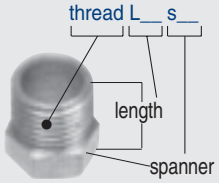
Code	Sleeve code (1)	Magnet connection nut features (2)	Length [mm]	Conductor (3)	Tip type(4)	interruption terminals (5)	C(6) [mm]	Leeds [mm] HT (7)	Therm [°C]
G1902433	G065		1000	Copper Pipe				350	
G1902434	G065	11/32 ASA L13 s9	600	Copper Pipe	N		300	500	
G1902436	G065	11/32 ASA L13 s9	600	Copper Pipe	N		300	600	
G1913401	G040		800	Double wire				300	
G1913402	G040		500	Double wire				960	
G1913409	G040	11/32 ASA L13 s9	500	Double wire	N		250	700	105
G1913409CL	G040	11/32 ASA L13 s9	500	Double wire	N		250	700	105
G1913410	G040	11/32 ASA L13 s9	500	Double wire	N	F	250	700	
G1913411	G040	11/32 ASA L13 s9	800	Double wire	N		350	310	105
G1913411CL	G040	11/32 ASA L13 s9	800	Double wire	N		350	310	105
G1914201	G027	M9x1 L12.5 s9	890	Copper Pipe	N	F	600	250	
G1914405	G032	11/32 ASA L13 s9	400	Copper Pipe	Q		200	694	
G1914405/A	G032		400	Double wire				50	
G1914407	G032	11/32 ASA L13 s9	500	Copper Pipe	A,Q		200	694	
G1914408	G032	11/32 ASA L13 s9	400	Copper Pipe	Q		200	694	110
G1915301	G015	M10x1 L12.5 s10	600	Copper Pipe	N	R	310	290	
G1915302	G015	M10x1 L12.5 s10	680	Copper Pipe	N	R	390	550	
G1915303	G015	M10x1 L12.5 s10	520	Copper Pipe	N	R	270	450	
G1915304	G015	M10x1 L12.5 s10	600	Copper Pipe	N	R	290	450	
G1917202	G071	M9x1 L12.5 s9	600	Double wire	N		300	980	
G1917203	G073	M9x1 L12.5 s9	1000	Double wire	Q	F	150	600	
G1917204	G098	M9x1 L12.5 s9	750	Double wire	Q	F	200	300	
G1917427	G071	11/32 ASA L13 s9	600	Double wire	N		300	980	
G1918003	G018		800	Double wire	N	F	400	800	
G1918004	G018		600	Double wire	N	F	300	800	
G1918004	G018		600	Double wire				800	
G1918006	G018		800	Double wire	N		400	800	105
G1918106	G018	M8x1 L12.5 s8	450	Double wire	N	F	350	150	
G1918107	G018	M8x1 L12.5 s8	320	Double wire	N	F	220	150	
G1918108	G018	M8x1 L12.5 s8	300	Double wire	N		150	980	
G1918111	G018	M8x1 L12.5 s8	650	Double wire	N		350	500	105
G1918113	G089	M8x1 L12.5 s8	320	Double wire	N	F	220	150	
G1918115	G018	M8x1 L12.5 s8	600	Double wire	A,N		290	800	
G1918116	G018	M8x1 L12.5 s8	400	Double wire	N	F	300	150	
G1918118	G018	M8x1 L12.5 s8	450	Double wire	N		150	400	
G1918119	G018		450	Double wire				150	
G1918120	G089		320	Copper Pipe					
G1918121	G089	M8x1 L12.5 s8	420	Double wire	N	F	320	150	
G1918122	G089		420	Copper Pipe				150	
G1918202	G018	M9x1 L12.5 s9	600	Double wire	N	F	525	150	
G1918226	G018		600	Copper Pipe				850	
G1918230	G018	M9x1 L12.5 s9	600	Double wire	N		300	980	
G1918232	G018		500	Copper Pipe				960	
G1918234	G018		600	Copper Pipe				500	
G1918260	G018		600	Copper Pipe				630	
G1918264	G018	M9x1 L12.5 s9	410	Double wire	N		165	1100	105
G1918264/A	G018		410	Copper Pipe				1100	

Code	Sleeve code (1)	Magnet connection nut features (2)	Length [mm]	Conductor (3)	Tip type(4)	interruption terminals (5)	C(6) [mm]	Leeds [mm] HT (7)	Therm [°C]
G1918265	G018	M9x1 L12.5 s9	600	Double wire	N		300	600	
G1918270	G018	M9x1 L12.5 s9	400	Double wire	N		200	840-530-310	105
G1918272	G018		600	Copper Pipe				900	
G1918273	G018		400	Copper Pipe				1020	
G1918275	G018	M9x1 L12.5 s9	800	Double wire	N	F	640	1200	
G1918276	G018	M9x1 L12.5 s9	750	Double wire	N	F	200	300	
G1918277	G018		600	Copper Pipe				1500	
G1918279	G018	M9x1 L12.5 s9	400	Double wire	N		200	840-530-310	80 e 95
G1918281	G018	M9x1 L12.5 s9	500	Double wire	N	F	250	250	
G1918282	G018	M9x1 L12.5 s9	300	Double wire	N		150	1350	
G1918286	G018	M9x1 L12.5 s9	600	Double wire	N		300	400	105
G1918420	G018	11/32 ASA L13 s9	600	Double wire	N		300	600	105
G1918433	G018	11/32 ASA L13 s9	600	Double wire	N		300	980	
G1918441	G018	11/32 ASA L13 s9	600	Double wire	N		300	500	
G1918448	G018		500	Copper Pipe				700	
G1918457	G018		600	Copper Pipe				1150	
G1918458	G018	11/32 ASA L13 s9	600	Double wire	N		150	600	
G1918463	G018	11/32 ASA L13 s9	300	Double wire	N		150	660	
G1918469	G018		500	Copper Pipe				1000	
G1918476	G018	11/32 ASA L13 s9	600	Double wire	N		300	1300	
G1918482	G018		600	Copper Pipe				900	
G1918485	G018	11/32 ASA L13 s9	400	Double wire	N		200	1020	
G1918486	G018		320	Copper Pipe				840+840	
G1918487	G018	11/32 ASA L13 s9	600	Double wire	N		300	1170	
G1919105	G116	M8x1 L12.5 s8	395	Copper Pipe	N	F	115	440-540	
G1919108	G064	M8x1 L12.5 s8	800	Copper Pipe	Q	F	140	150	
G1919109	G064	M8x1 L12.5 s8	350	Copper Pipe	Q	F	175	50	
G1919110	G064	M8x1 L12.5 s8	600	Copper Pipe	Q	F	300	50	
G1919111	G065	M8x1 L12.5 s8	450	Copper Pipe	Q	F	200	200	
G1919113	G064	M8x1 L12.5 s8	790	Copper Pipe	Q	F	500	250	
G1919204	G098	M9x1 L12.5 s9	600	Copper Pipe	Q	F	300	400	
G1919205	G098	M9x1 L12.5 s9	600	Copper Pipe	Q		300	50	
G1919206	G065	M9x1 L12.5 s9	600	Copper Pipe	Q	F	200	600	
G1919303	G029	M10x1 L12.5 s10	550	Copper Pipe	N	F	150	600	
G1919304	G029		600	Copper Pipe				600	
G1919306	G029	M10x1 L12.5 s10	600	Copper Pipe	N	F	150	50	
G1919307	G029	M10x1 L12.5 s10	500	Copper Pipe	N	F	150	700	
G1919308	G029		600	Copper Pipe				50	
G1919310	G070		370	Copper Pipe				850	
G1919314	G029	M10x1 L12.5 s10	600	Copper Pipe	N	F	300	600	
G1919316	G029		600	Copper Pipe				600	
G1919404	G009	11/32 ASA L13 s9	900	Copper Pipe	Q	F	300	350	
G1920104	G064	M8x1 L12.5 s8	400	Double wire	Q		200	420	
G1921412	G083	11/32 ASA L13 s9	510	Double wire	N		280	1500	95 e 110
G1921413	G083	11/32 ASA L13 s9	510	Double wire	N		280	710-220	105
G1921414	G083	11/32 ASA L13 s9	510	Double wire	N		280	720-460-260	75 e 95
G1921415	G083	11/32 ASA L13 s9	510	Double wire	N		280	700	95

Code	Sleeve code (1)	Magnet connection nut features (2)	Length [mm]	Conductor (3)	Tip type(4)	interruption terminals (5)	C(6) [mm]	Leeds [mm] HT (7)	Therm [°C]
G1922101	G003		430	Copper Pipe				230+340	
G1924301	G099	M10x1 L12.5 s10	800	Double wire	Q	F	400	1000-750	

(1) see pag. 86 to 91

(2)

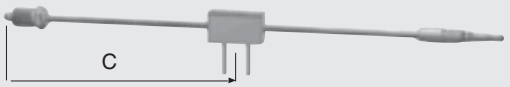


(3) see pag. 92

(4) A: Aluminized tip
N: series 200 (Normal)
Q: series 290 (Quick off)

(5) F: Faston
R: Ring terminal

(6)



(7) NT: Normal Temperature
HT: High Temperature

THERMOCOUPLES 280 SERIES

CHARACTERISTICS

The 280 series is made for use on all those gas appliances in which a very short time is required on ignition and on shutdown.
The 280 series thermocouples can be provided in various lengths:

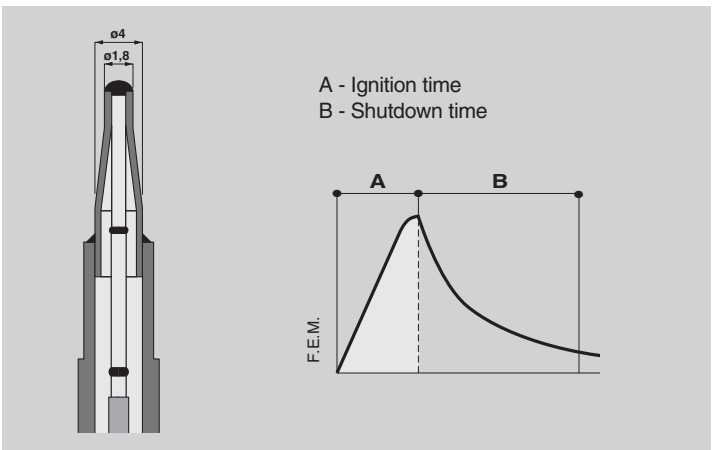
- from 200 to 1,500 mm
- with different mounting sleeves
- with different fixing connectors.

SUITABLE FOR COOKING TOPS

Very short closure time on ignition and on shutdown.

TECHNICAL DATA

• Ignition time	≤ 2 seconds
• Shutdown time	≤ 15 seconds
• F.E.M. at 100 °C	≥ 2 mV
• Resistance	= 9 + (0.015 x L) ± 4 mΩ
• Maximum tip temperature	600 °C
• Fixing connector torque	~ 3 Nm
• Minimum bending radius	≥ 15 mm



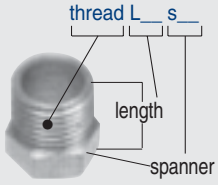
CODES-FEATURES SERIES 280

Code	Sleeve code (1)	Magnet connection nut features (2)	Length [mm]	Alluminized tip	Conductor (3)
G1733109	G064	M8x1 L12.5 s8	600	no	Copper Pipe
G1733110	G064	M8x1 L12.5 s8	1200	no	Copper Pipe
G1733203	G065	M9x1 L12.5 s9	1500	no	Copper Pipe

(1) see pag. 88 to 91

(3) see pag. 92

(2)



THERMOCOUPLES 290 SERIES

CHARACTERISTICS

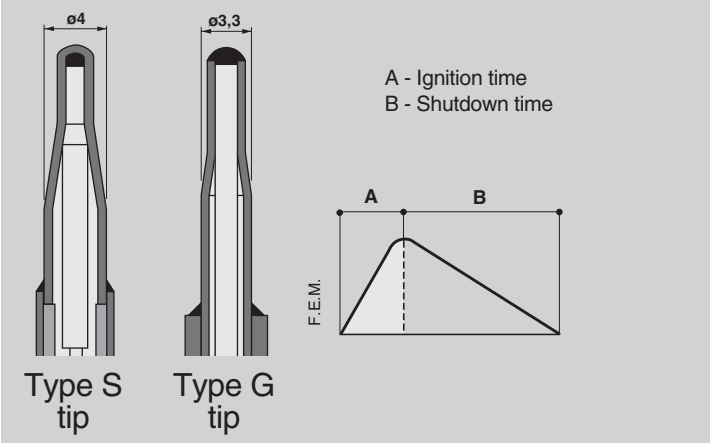
The 290 series is made for use on all those gas appliances in which a very brief closure time is required on shutdown together with long life in particularly difficult working conditions.
The 290 series thermocouples can be provided in various lengths:

- from 200 to 2,500 mm
- with different mounting sleeves
- with different fixing connectors.

It is also possible to have the tip coated in aluminium alloy to protect against the formation of carbon deposits.

TECHNICAL DATA

• Ignition time	≤ 6 seconds
• Shutdown time	≤ 30 seconds
• F.E.M. at 100°C	≥ 2 mV
• Resistance	= 9 + (0.015 x L) ± 4 mΩ
• Maximum tip temperature	600 °C
• Fixing connector torque	~3 Nm
• Minimum bending radius	≥ 15 mm



CODES-FEATURES SERIES 290

Code	Sleeve code (1)	Magnet connection nut features (2)	Length [mm]	Alluminized tip	Conductor (3)
0290003	S332	M10X1 L11 s8	450	no	Copper Pipe
0290004	S332	M10X1 L11 s8	600	no	Copper Pipe
0290010	S332	M10X1 L11 s8	1500	no	Copper Pipe
0290012	S332	M9X1 L13.5 s9	320	no	Copper Pipe
0290013	S332	M9X1 L13.5 s9	400	no	Copper Pipe
0290015	S332	M9X1 L13.5 s9	500	no	Copper Pipe
0290016	S332	M9X1 L13.5 s9	600	no	Copper Pipe
0290017	S332	M9X1 L13.5 s9	750	no	Copper Pipe
0290018	S332	M9X1 L13.5 s9	850	no	Copper Pipe
0290019	S332	M9X1 L13.5 s9	1000	no	Copper Pipe
0290021	S332	M9X1 L13.5 s9	1200	no	Copper Pipe
0290022	S332	M9X1 L13.5 s9	1500	no	Copper Pipe
0290024	S332	11/32 ASA L14 s9	600	no	Copper Pipe
0290025	S332	11/32 ASA L14 s9	850	no	Copper Pipe
0290028	S335	M8X1 L11 s8	220	no	Copper Pipe
0290029	S335	M8X1 L11 s8	320	no	Copper Pipe
0290031	S335	M8X1 L11 s8	600	no	Copper Pipe
0290039	S335	M9X1 L13.5 s9	320	no	Copper Pipe
0290042	S335	M9X1 L13.5 s9	500	no	Copper Pipe
0290055	S333	11/32 ASA L14 s9	600	yes	Copper Pipe
0290056	S332	11/32 ASA L14 s9	450	yes	Copper Pipe
0290059	S332	M10X1 L10 s8	400	no	Copper Pipe
0290064	S332	M10X1 L10 s8	850	no	Copper Pipe
0290068	S332	M10X1 L10 s8	1500	no	Copper Pipe
0290072	S335	M10X1 L10 s8	450	yes	Copper Pipe
0290074	S335	M10X1 L10 s8	600	yes	Copper Pipe
0290082	S333	M9X1 L13.5 s9	320	yes	Copper Pipe
0290083	S333	M9X1 L13.5 s9	400	yes	Copper Pipe
0290084	S333	M9X1 L13.5 s9	450	yes	Copper Pipe
0290085	S333	M9X1 L13.5 s9	500	yes	Copper Pipe
0290086	S333	M9X1 L13.5 s9	600	yes	Copper Pipe
0290087	S333	M9X1 L13.5 s9	750	yes	Copper Pipe
0290088	S333	M9X1 L13.5 s9	850	yes	Copper Pipe
0290089	S333	M9X1 L13.5 s9	1000	yes	Copper Pipe
0290091	S333	M9X1 L13.5 s9	1200	yes	Copper Pipe
0290092	S333	M9X1 L13.5 s9	1500	yes	Copper Pipe
0290095	S333	M10X1 L10 s8	400	yes	Copper Pipe
0290097	S333	M10X1 L10 s8	500	yes	Copper Pipe
0290098	S333	M10X1 L10 s8	600	yes	Copper Pipe
0290101	S333	M10X1 L10 s8	1000	yes	Copper Pipe
0290110	S333	M10X1 L11 s8	600	yes	Copper Pipe
0290118	S333	11/32 ASA L14 s9	600	yes	Copper Pipe
0290120	S333	11/32 ASA L14 s9	1000	yes	Copper Pipe
0290122	S334	M10X1 L10 s8	500	yes	Copper Pipe
0290125	S334	11/32 ASA L14 s9	1200	yes	Copper Pipe
0290126	S334	M10X1 L10 s8	750	yes	Copper Pipe
0290129	S332	11/32 ASA L14 s9	450	yes	Copper Pipe
0290134	S332	M9X1 L13.5 s9	400	yes	Copper Pipe
0290135	S332	11/32 ASA L14 s9	220	yes	Copper Pipe

Code	Sleeve code (1)	Magnet connection nut features (2)	Length [mm]	Alluminized tip	Conductor (3)
0290136	S333	11/32 ASA L14 s9	450	yes	Copper Pipe
0290137	S337	M10X1 L10 s8	500	yes	Copper Pipe
0290144	S332	11/32 ASA L14 s9	320	yes	Copper Pipe
0290146	S332	11/32 ASA L14 s9	500	no	Copper Pipe
0290148	S337	M10X1 L18 s8	220	yes	Copper Pipe
0290149	S333	M9X1 L13.5 s9	220	yes	Copper Pipe
0290150	S333	M9X1 L13.5 s9	600	yes	Copper Pipe
0290151	S333	M9X1 L13.5 s9	1000	yes	Copper Pipe
0290152	S333	M9X1 L13.5 s9	1200	yes	Copper Pipe
0290153	S333	M10X1 L10 s8	320	yes	Copper Pipe
0290154	S333	M10X1 L10 s8	500	yes	Copper Pipe
0290155	S333	M10X1 L10 s8	1000	yes	Copper Pipe
0290156	S333	11/32 ASA L14 s9	400	yes	Copper Pipe
0290159	S337	M9X1 L13.5 s9	750	yes	Copper Pipe
0290160	S333	M9X1 L13.5 s9	750	yes	Copper Pipe
0290161	S333	M9X1 L13.5 s9	400	yes	Copper Pipe
0290162	S337	11/32 ASA L14 s9	400	yes	Copper Pipe
0290163	S333	M9X1 L13.5 s9	280	yes	Copper Pipe
0290165	S338	11/32 ASA L14 s9	400	yes	Copper Pipe
0290166	S333	M9X1 L13.5 s9	280	yes	Copper Pipe
0290168	S333	M10X1 L11 s8	850	yes	Copper Pipe
0290169	S337	M9X1 L13.5 s9	500	yes	Copper Pipe
0290171	S332	M10X1 L11 s8	1500	yes	Copper Pipe
0290172	S332	M9X1 L13.5 s9	850	yes	Copper Pipe
0290173	S333	M10X1 L10 s8	750	yes	Copper Pipe
0290174	S333	11/32 ASA L14 s9	750	yes	Copper Pipe
0290175	S344		1200	yes	Copper Pipe
0290176	S333	M9X1 L13.5 s9	400	no	Copper Pipe
0290177	S332	M10X1 L11 s8	450	yes	Copper Pipe
0290178	S333	M10X1 L10 s8	260	yes	Copper Pipe
0290181	S333	11/32 ASA L14 s9	850	yes	Copper Pipe
0290183		M10X1 L18 s8	220	yes	Copper Pipe
0290184	S349		600	no	Copper Pipe
0290187	S337	M10X1 L10 s8	750	yes	Copper Pipe
0290192	S338	11/32 ASA L14 s9	750	no	Copper Pipe
0290194	S352		450	yes	Copper Pipe
0290195	S353		350	no	Copper Pipe
0290196	S332	M10X1 L10 s8	1000	no	Copper Pipe
0290197	S337	M10X1 L11 s8	1000	yes	Copper Pipe
0290198	S333	M10X1 L11 s8	400	yes	Copper Pipe
0290199	S334	M9X1 L13.5 s9	400	yes	Copper Pipe
0290200	S333	11/32 ASA L14 s9	320	yes	Copper Pipe
0290201	S333	11/32 ASA L14 s9	400	yes	Copper Pipe
0290203	S332	M9X1 L13.5 s9	600	yes	Copper Pipe
0290204	S361		300	yes	Copper Pipe
0290207	S333	11/32 ASA L14 s9	320	yes	Copper Pipe
0290209	S334	M8X1 L11 s8	750	yes	Copper Pipe
0290210	S335	11/32 ASA L14 s9	600	yes	Copper Pipe

Code	Sleeve code (1)	Magnet connection nut features (2)	Length [mm]	Alluminized tip	Conductor (3)
0290211	S335	11/32 ASA L14 s9	1200	yes	Copper Pipe
0290212	S332	11/32 ASA L14 s9	600	yes	Copper Pipe
0290215	S361	11/32 ASA L14 s9	600	yes	Copper Pipe
0290216	S333	11/32 ASA L14 s9	600	yes	Copper Pipe
0290218	S333	11/32 ASA L14 s9	850	yes	Copper Pipe
0290220	S333		1800	yes	Copper Pipe
G1040101	G065	M8X1 L12.5 s8	200	no	Copper Pipe
G1040105	G065	M8X1 L12.5 s8	600	no	Copper Pipe
G1040106	G065	M8X1 L12.5 s8	800	no	Copper Pipe
G1040107	G065	M8X1 L12.5 s8	1000	no	Copper Pipe
G1040108	G065	M8X1 L12.5 s8	1500	no	Copper Pipe
G1040109	G065	M8X1 L12.5 s8	1200	no	Copper Pipe
G1040110	G065	M8X1 L12.5 s8	220	no	Copper Pipe
G1040111	G065	M8X1 L12.5 s8	450	no	Copper Pipe
G1040113	G065	M8X1 L12.5 s8	320	no	Copper Pipe
G1040114	G065	M8X1 L12.5 s8	850	no	Copper Pipe
G1040117	G065	M8X1 L12.5 s8	750	no	Copper Pipe
G1040118	G065	M8X1 L12.5 s8	900	no	Copper Pipe
G1040202	G065	M9X1 L12.5 s9	300	no	Copper Pipe
G1040203	G065	M9X1 L12.5 s9	400	no	Copper Pipe
G1040204	G065	M9X1 L12.5 s9	500	no	Copper Pipe
G1040205	G065	M9X1 L12.5 s9	600	no	Copper Pipe
G1040206	G065	M9X1 L12.5 s9	800	no	Copper Pipe
G1040207	G065	M9X1 L12.5 s9	1000	no	Copper Pipe
G1040208	G065	M9X1 L12.5 s9	1500	no	Copper Pipe
G1040209	G065	M9X1 L12.5 s9	1200	no	Copper Pipe
G1040211	G065	M9X1 L12.5 s9	450	no	Copper Pipe
G1040213	G065	M9X1 L12.5 s9	320	no	Copper Pipe
G1040214	G065	M9X1 L12.5 s9	850	no	Copper Pipe
G1040216	G065	M9X1 L12.5 s9	700	no	Copper Pipe
G1040218	G065	M9X1 L12.5 s9	900	no	Copper Pipe
G1040303	G065	M10X1 L12.5 s10	400	no	Copper Pipe
G1040305	G065	M10X1 L12.5 s10	600	no	Copper Pipe
G1040307	G065	M10X1 L12.5 s10	1000	no	Copper Pipe
G1040308	G065	M10X1 L12.5 s10	1500	no	Copper Pipe
G1040313	G065	M10X1 L12.5 s10	320	no	Copper Pipe
G1040314	G065	M10X1 L12.5 s10	850	no	Copper Pipe
G1040403	G065	11/32 ASA L13 s9	400	no	Copper Pipe
G1040405	G065	11/32 ASA L13 s9	600	no	Copper Pipe
G1040406	G065	11/32 ASA L13 s9	800	no	Copper Pipe
G1040407	G065	11/32 ASA L13 s9	1000	no	Copper Pipe
G1040408	G065	11/32 ASA L13 s9	1500	no	Copper Pipe
G1040409	G065	11/32 ASA L13 s9	900	no	Copper Pipe
G1040413	G065	11/32 ASA L13 s9	320	no	Copper Pipe
G1040414	G065	11/32 ASA L13 s9	850	no	Copper Pipe
G1040415	G065	11/32 ASA L13 s9	1200	no	Copper Pipe
G1040418	G065	11/32 ASA L13 s9	220	no	Copper Pipe
G1041101	G064	M8X1 L12.5 s8	200	no	Copper Pipe

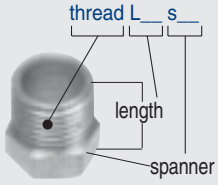
Code	Sleeve code (1)	Magnet connection nut features (2)	Length [mm]	Alluminized tip	Conductor (3)
G1041102	G064	M8X1 L12.5 s8	300	no	Copper Pipe
G1041103	G064	M8X1 L12.5 s8	400	no	Copper Pipe
G1041104	G064	M8X1 L12.5 s8	500	no	Copper Pipe
G1041105	G064	M8X1 L12.5 s8	600	no	Copper Pipe
G1041107	G064	M8X1 L12.5 s8	1000	no	Copper Pipe
G1041108	G064	M8X1 L12.5 s8	1500	no	Copper Pipe
G1041109	G064	M8X1 L12.5 s8	220	no	Copper Pipe
G1041111	G064	M8X1 L12.5 s8	450	no	Copper Pipe
G1041111/N	G064		450		Copper Pipe
G1041113	G064	M8X1 L12.5 s8	320	no	Copper Pipe
G1041114	G064	M8X1 L12.5 s8	850	no	Copper Pipe
G1041115	G064	M8X1 L12.5 s8	1200	no	Copper Pipe
G1041116	G064	M8X1 L12.5 s8	750	no	Copper Pipe
G1041118	G064	M8X1 L12.5 s8	900	no	Copper Pipe
G1041202	G064	M9X1 L12.5 s9	300	no	Copper Pipe
G1041205	G064	M9X1 L12.5 s9	600	no	Copper Pipe
G1041206	G064	M9X1 L12.5 s9	800	no	Copper Pipe
G1041207	G064	M9X1 L12.5 s9	1000	no	Copper Pipe
G1041208	G064	M9X1 L12.5 s9	1500	no	Copper Pipe
G1041211	G064	M9X1 L12.5 s9	320	no	Copper Pipe
G1041214	G064	M9X1 L12.5 s9	850	no	Copper Pipe
G1041215	G064	M9X1 L12.5 s9	1200	no	Copper Pipe
G1041218	G064	M9X1 L12.5 s9	900	no	Copper Pipe
G1041307	G064	M10X1 L12.5 s10	1000	no	Copper Pipe
G1041311	G064	M10X1 L12.5 s10	450	no	Copper Pipe
G1041317	G064	M10X1 L12.5 s10	750	no	Copper Pipe
G1041411	G064	11/32 ASA L13 s9	450	no	Copper Pipe
G1042102	G097	M8X1 L12.5 s8	450	no	Copper Pipe
G1042104	G097	M8X1 L12.5 s8	850	no	Copper Pipe
G1043113	G104	M8X1 L12.5 s8	320	no	Copper Pipe
G1043122	G104	M8X1 L12.5 s8	250	no	Copper Pipe
G1043317	G104	M10X1 L12.5 s10	750	no	Copper Pipe
G1702001			500	no	Copper Pipe
G1712102	G068		450		Copper Pipe
G1712112	G099		320		Copper Pipe
G1712117	G099	M8X1 L12.5 s8	1000	no	Copper Pipe
G1712309	G099	M10X1 L12.5 s10	320	no	Copper Pipe
G1712310	G099	M10X1 L12.5 s10	450	no	Copper Pipe
G1712314	G099		1200		Copper Pipe
G1712315	G099	M10X1 L12.5 s10	1500	no	Copper Pipe
G1714201	G066/B	M9X1 L12.5 s9	900	no	Copper Pipe
G1714202	G066/B	M9X1 L12.5 s9	650	no	Copper Pipe
G1714203	G066/B	M9X1 L12.5 s9	1300	no	Copper Pipe
G1714401	G066/B	11/32 ASA L13 s9	450	no	Copper Pipe
G1714403	G066/B	11/32 ASA L13 s9	600	no	Copper Pipe
G1714404	G066/B	11/32 ASA L13 s9	750	no	Copper Pipe
G1715303	G042		300		Copper Pipe
G1717401	G079	11/32 ASA L13 s9	750	no	Copper Pipe

Code	Sleeve code (1)	Magnet connection nut features (2)	Length [mm]	Alluminized tip	Conductor (3)
G1717402	G079		300		Copper Pipe
G1717403	G079	11/32 ASA L13 s9	450	no	Copper Pipe
G1717404	G079	11/32 ASA L13 s9	500	no	Copper Pipe
G1717405	G079		900		Copper Pipe
G1727001	G077		600	no	Braided wire
G1727002	G077		900	no	Braided wire
G1727003	G077		1200	no	Braided wire
G1728201	G106/A	M9X1 L12.5 s9	700	no	Braided wire
G1733103	G068	M8X1 L12.5 s8	600	no	Copper Pipe
G1733107	G068	M9X1 L12.5 s9	400	no	Copper Pipe
G1733108	G068	M9X1 L12.5 s9	600	no	Copper Pipe
G1738101	G093	M8X1 L12.5 s8	1300	no	Double wire
G1745501	G063		300		Double wire
G1748101	G119	M8X1 L12.5 s8	320	no	Copper Pipe
G1748103	G119	M8X1 L12.5 s8	450	no	Copper Pipe
G1748104	G119	M8X1 L12.5 s8	600	no	Copper Pipe
G1748105	G119	M8X1 L12.5 s8	750	no	Copper Pipe
G1748107	G119	M8X1 L12.5 s8	1200	no	Copper Pipe
G1748301	G119	M10X1 L12.5 s10	320	no	Copper Pipe
G1748303	G119	M10X1 L12.5 s10	600	no	Copper Pipe
G1748304	G119	M10X1 L12.5 s10	750	no	Copper Pipe
G1748305	G119	M10X1 L12.5 s10	1000	no	Copper Pipe

(1) see pag. 96 to 91

(3) see pag. 91

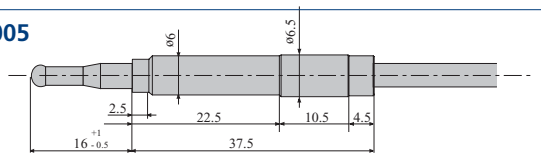
(2)



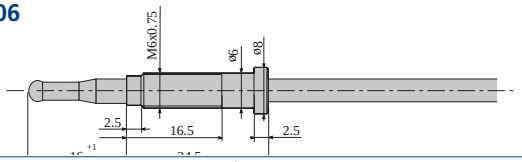
PILOT MOUNTING SLEEVES

Type S tip

S005



S006



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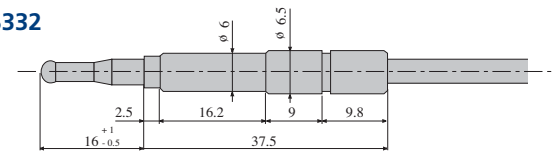
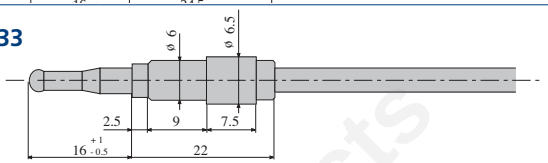
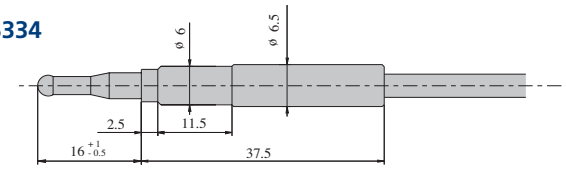


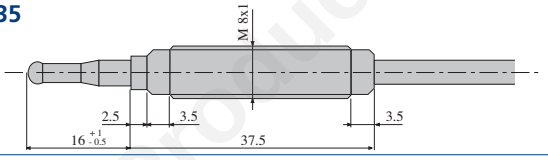
S333



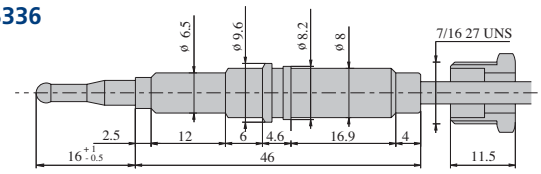
S334



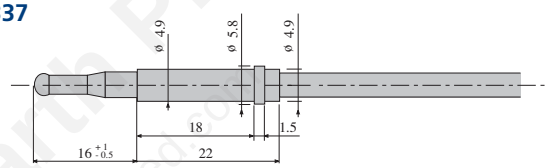
S335



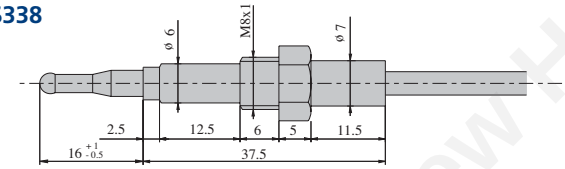
S336



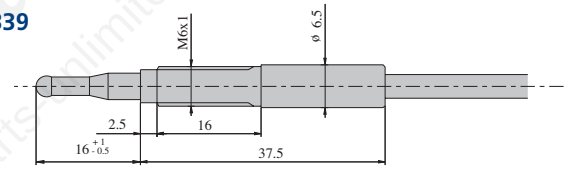
S337



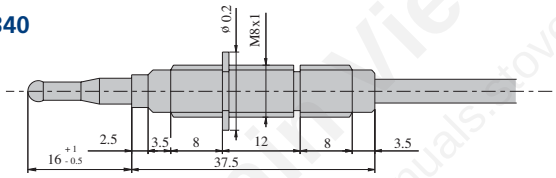
S338



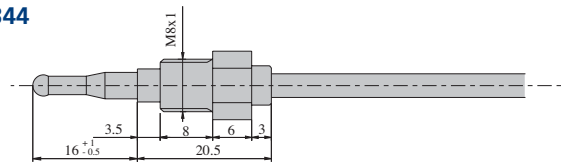
S339



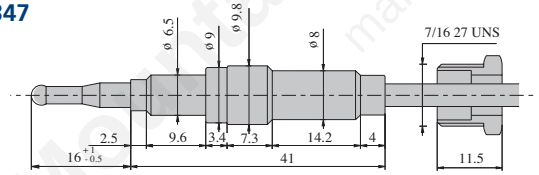
S340



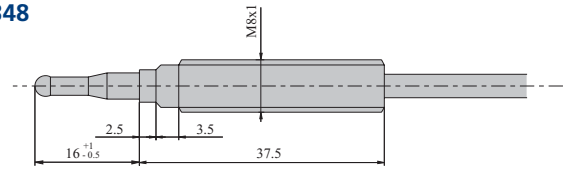
S344



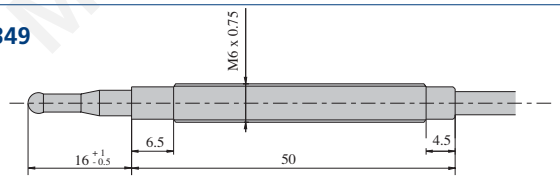
S347



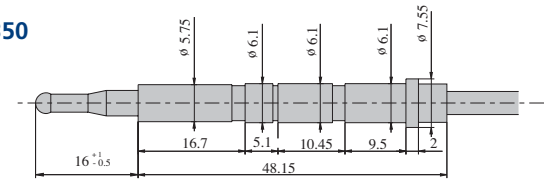
S348



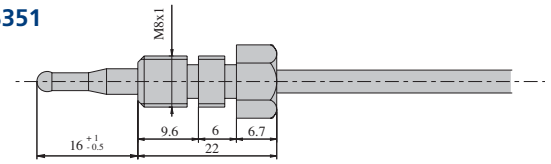
S349



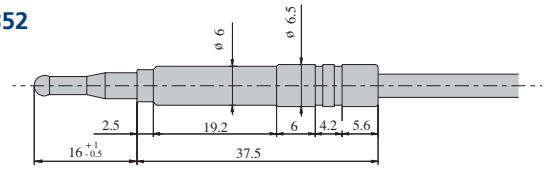
S350



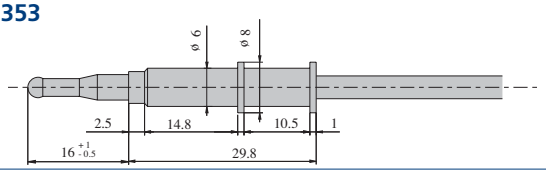
S351



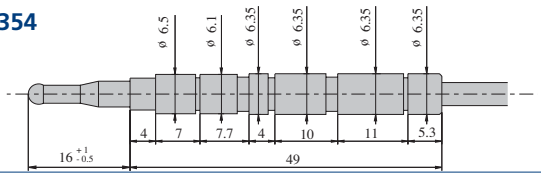
S352



S353



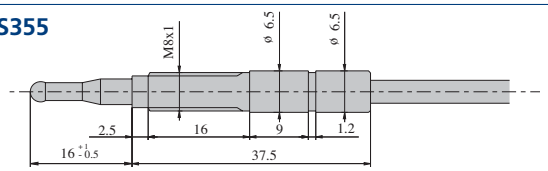
S354



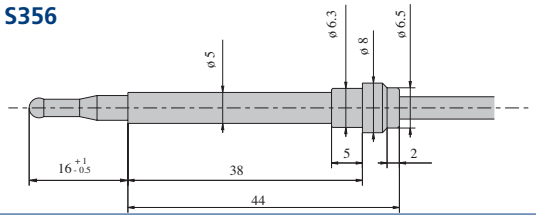
PILOT MOUNTING SLEEVES

Type S tip

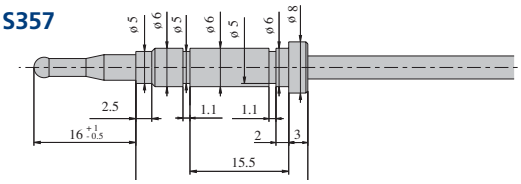
S355



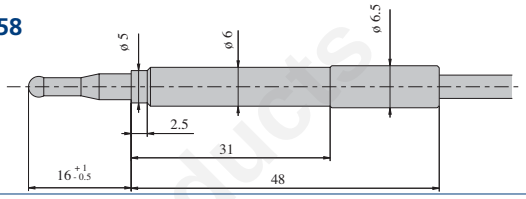
S356



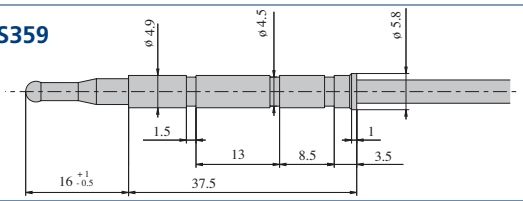
S357



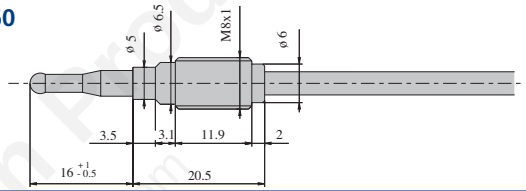
S358



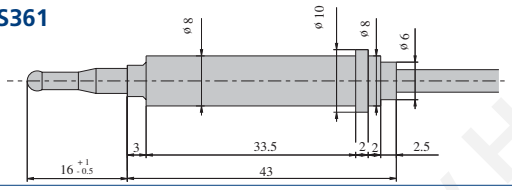
S359



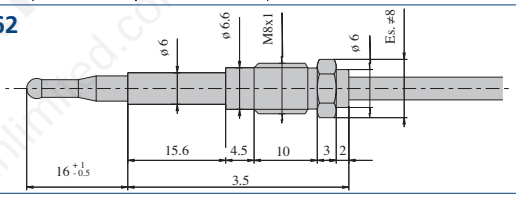
S360



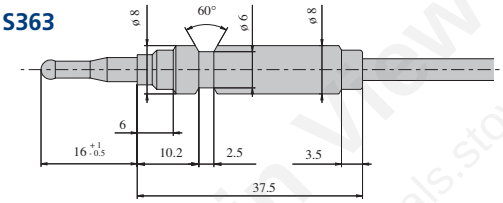
S361



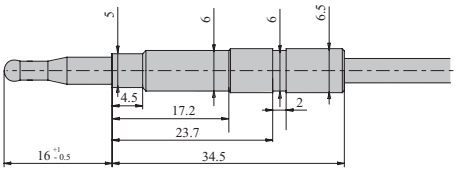
S362



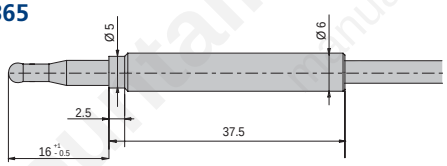
S363



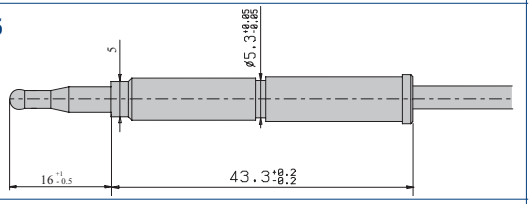
S364



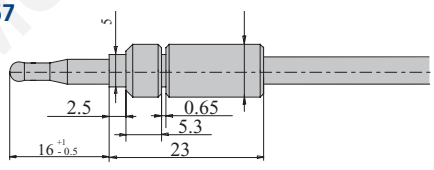
S365



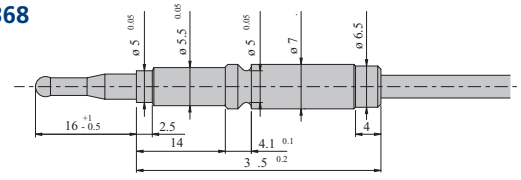
S366



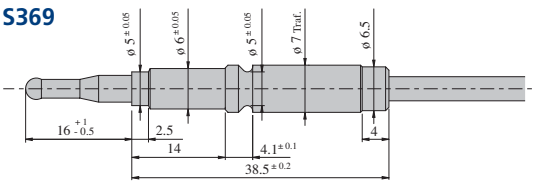
S367



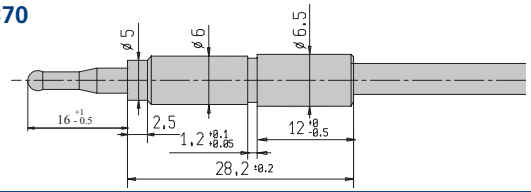
S368



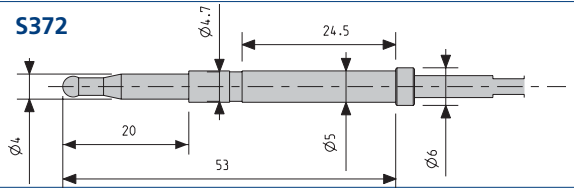
S369



S370



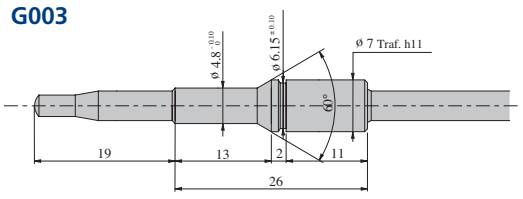
S372



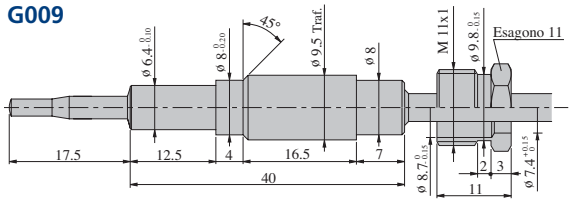
PILOT MOUNTING SLEEVES

Type G tip

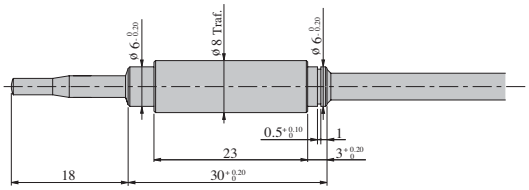
G003



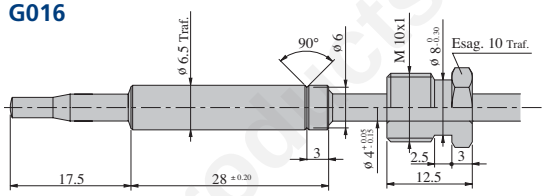
G009



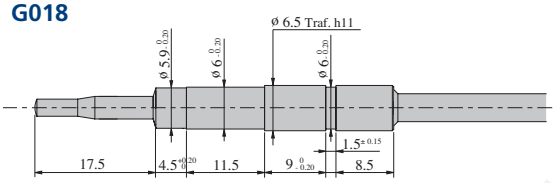
G015



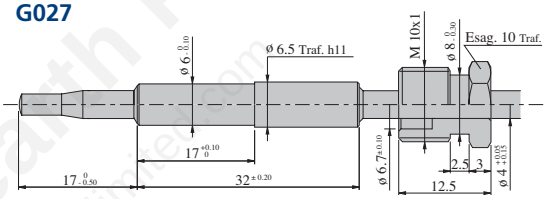
G016



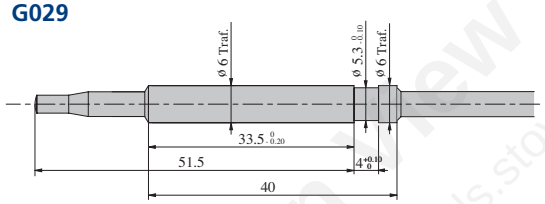
G018



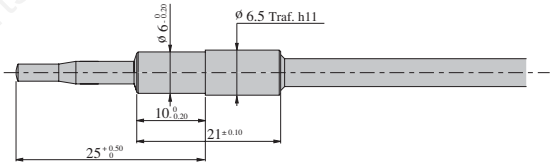
G027



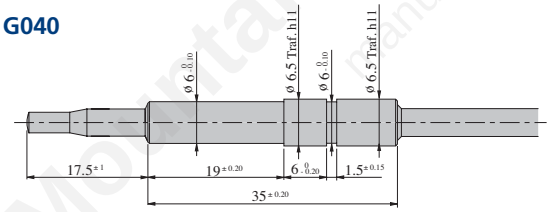
G029



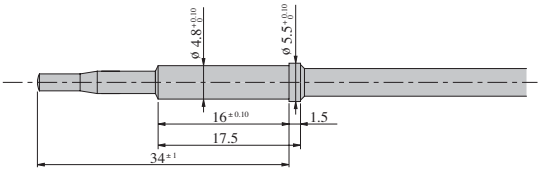
G032



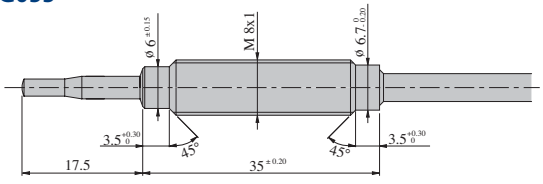
G040



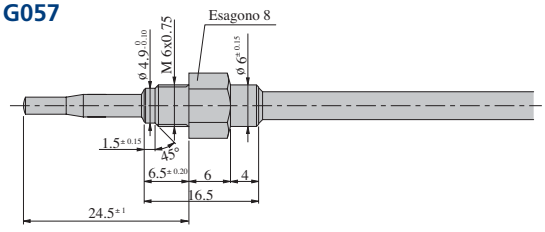
G042/A



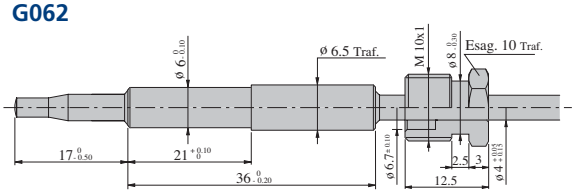
G055



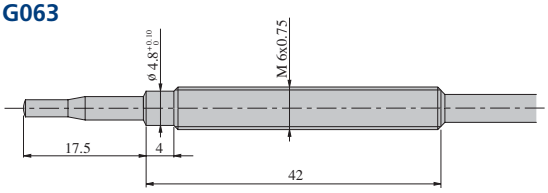
G057



G062



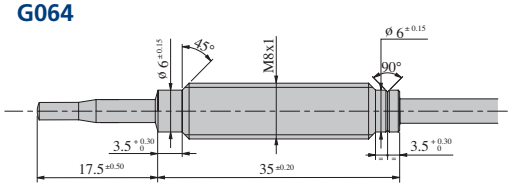
G063



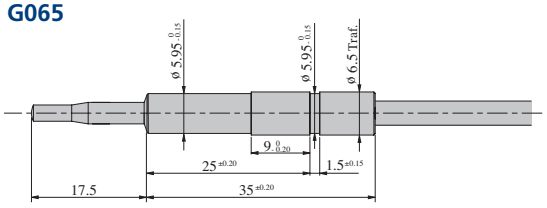
PILOT MOUNTING SLEEVES

Type G tip

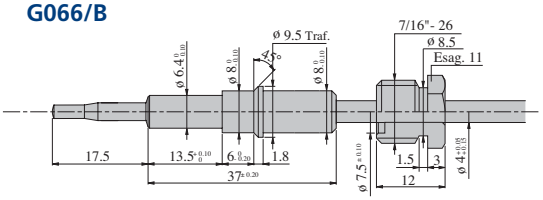
G064



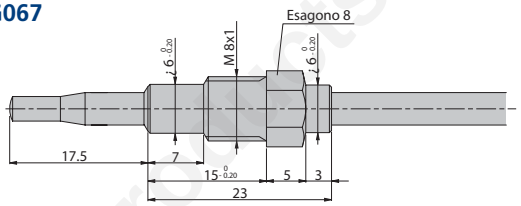
G065



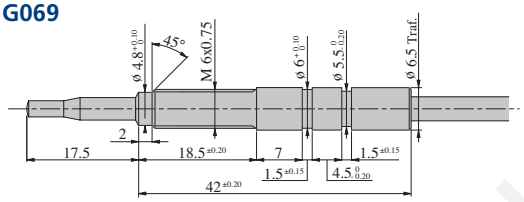
G066/B



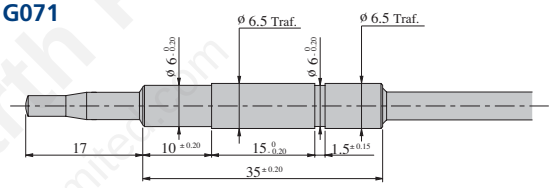
G067



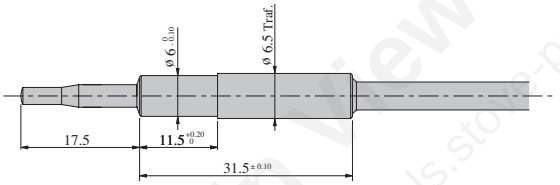
G069



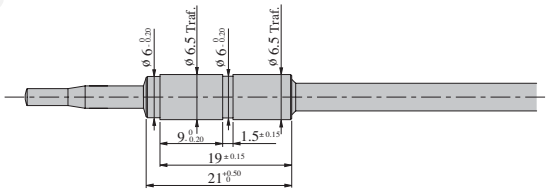
G071



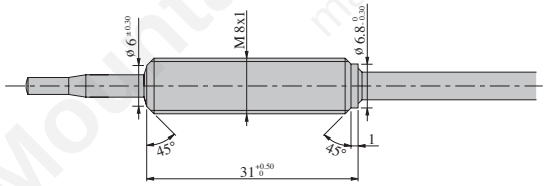
G073



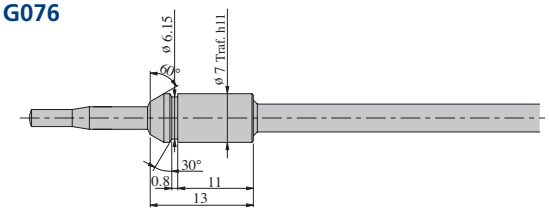
G074



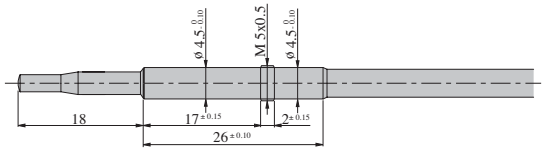
G075



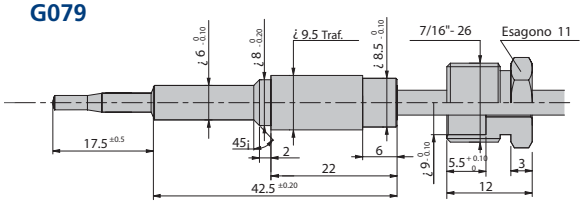
G076



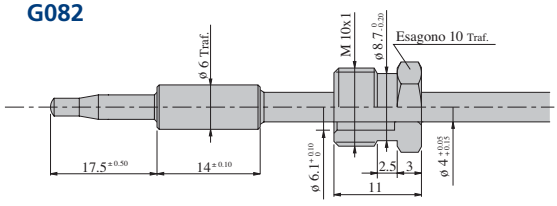
G077



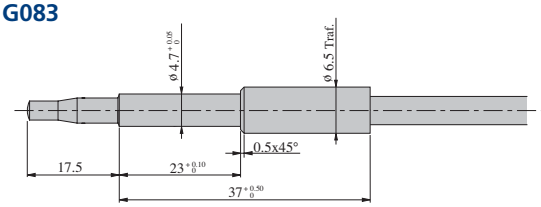
G079



G082



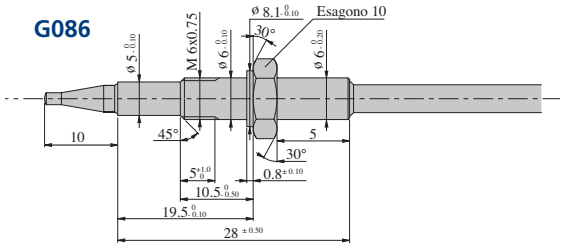
G083



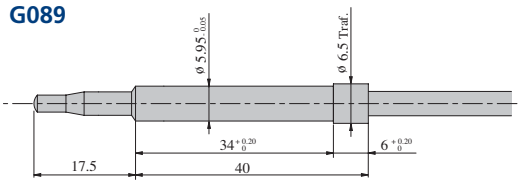
PILOT MOUNTING SLEEVES

Type G tip

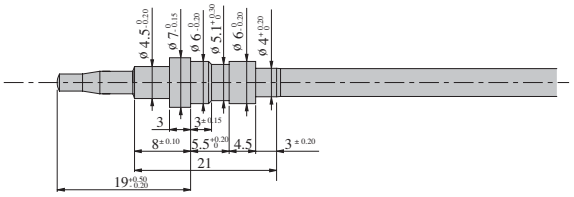
G086



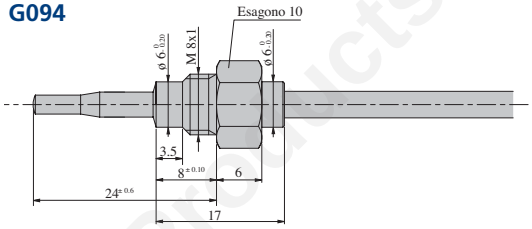
G089



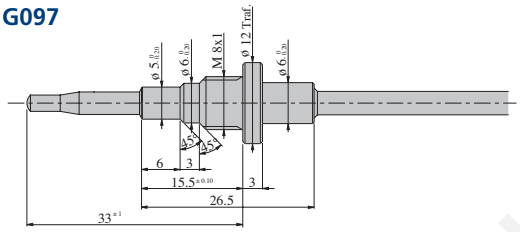
G093



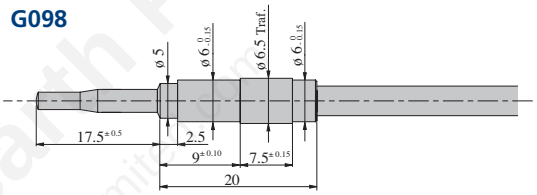
G094



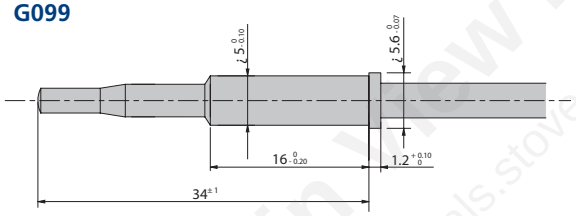
G097



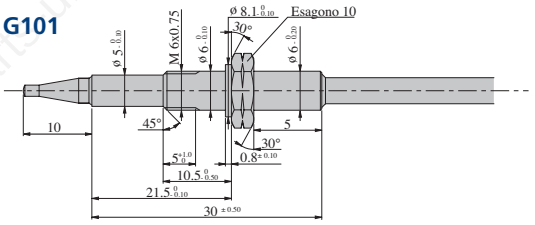
G098



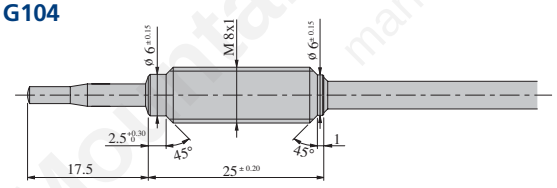
G099



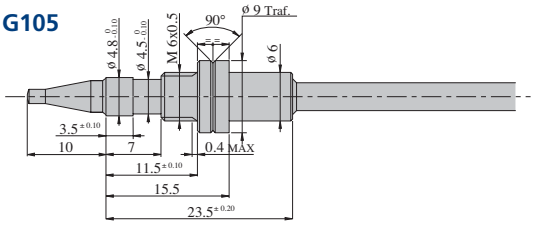
G101



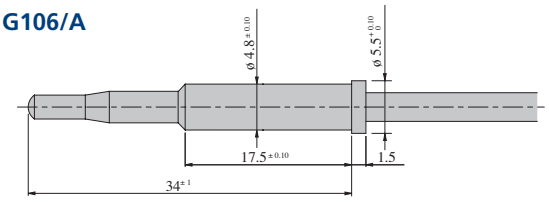
G104



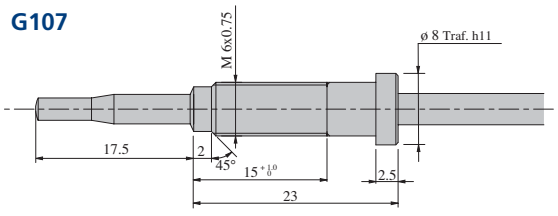
G105



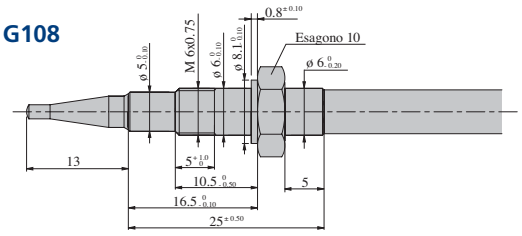
G106/A



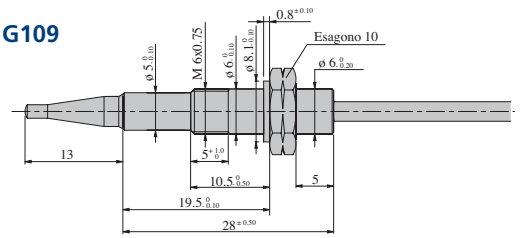
G107



G108



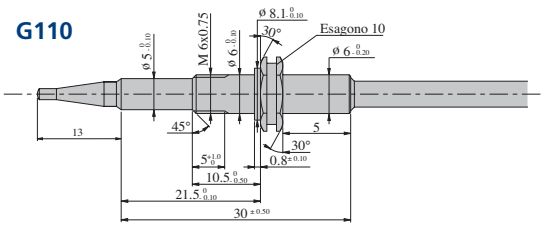
G109



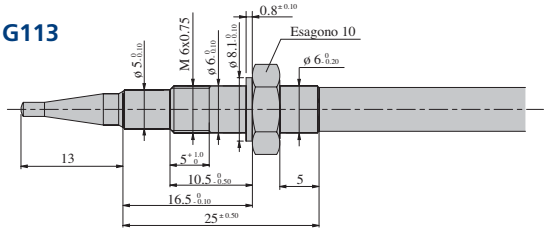
PILOT MOUNTING SLEEVES

Type G tip

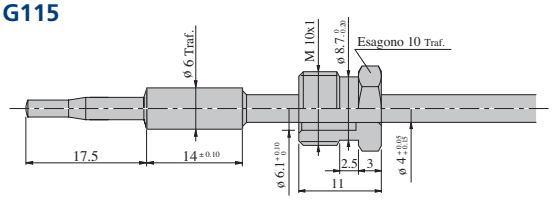
G110



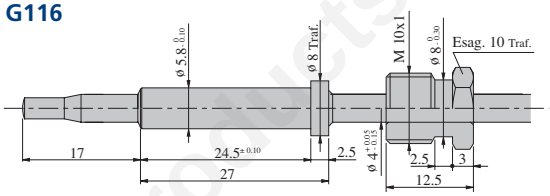
G113



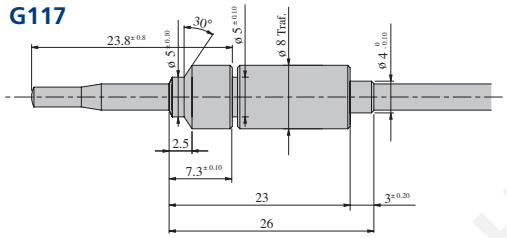
G115



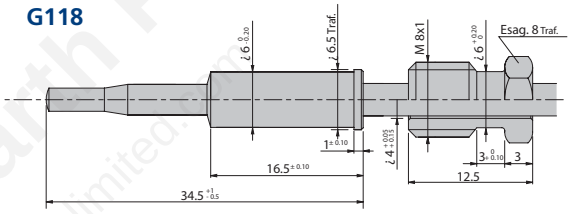
G116



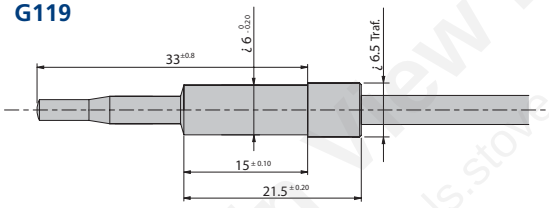
G117



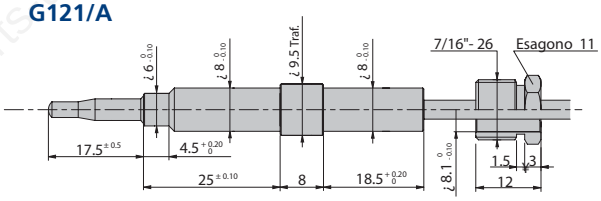
G118



G119



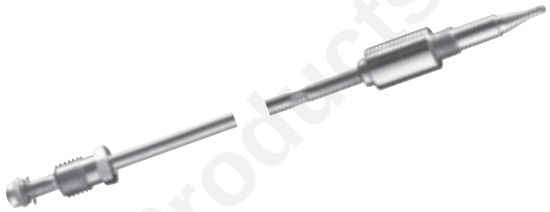
G121/A



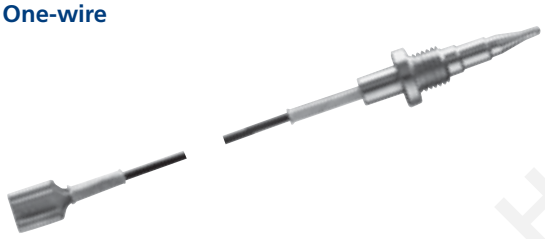
CONDUCTOR TYPES

Copper capillary

Nickel plated capillary

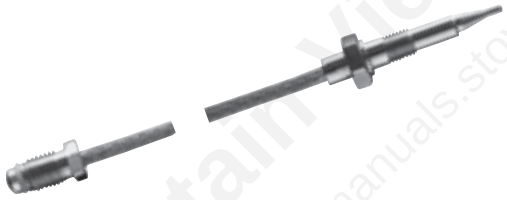


One-wire



Double-wire

Braided wire



UNIVERSAL THERMOCOUPLES

Because of its versatility, this series of thermocouples can be used on a vast range of pilots currently on the market.

TECHNICAL DATA

• Ignition time	6 seconds
• Shutdown time	- 200 series (30 - 60 seconds) - 290 series 30 seconds
• F.E.M. at 100 °C	2 mV
• Resistance	= 9 + (0.015 x L) ± 4 m
• Maximum tip temperature	600 °C

T60 - 200 series thermocouple type S tip packed with 4 connectors (M10x1, 7/16", M8x1 - M9x1 milled, 11/32" - M10x1 milled); ø6x8.5 and ø6x17.5 bushes, 2 adapter rings, ø6x7.5 and ø6x2.5 spacers

CODE	Length (mm)
0.208.002	900
0.208.004	1,200

290 series thermocouple type G tip unified sleeve (A515) packed with 4 connectors (M8x1 milled, M10x1 milled, 11/32"- 32NS2A-ASA milled, M9x1)

CODE	Length (mm)
G1.704.003	400
G1.704.005	500
G1.704.006	600
G1.704.013	800
G1.704.019	900
G1.704.009	1,000
G1.704.011	1,200
G1.704.012	1,500

290 series thermocouple type G tip threaded sleeve (A513) packed with 5 connectors (M8x1 milled, M9x1 milled, M10x1 milled, M10x1, 11/32"- 32NS2A-ASA, threaded bushes M6x0.75)

CODE	Length (mm)
G1.724.001	600
G1.724.002	900
G1.724.003	1,200

	CODE	Length (mm)
290 series thermocouple type G tip threaded sleeve (A518) packed with 8 connectors (M9x1 milled, M8x1-M10x1 milled, M10x1, M11x1, M10x1 adapter fix, M6x0.75 threaded bush, ø6.50x7.5 milled bush, 11/32”- 32NS2A-ASA, ø6.50x20 spacer)	G1.705.018	400
	G1.705.019	600
	G1.705.010	900
	G1.705.035	1,000

	CODE	Length (mm)
290 series flexible thermocouple type G tip packed with 3 sleeves (A521, A522, A523) and 4 connectors (M8x1, M9x1, M10x1, ASA)	G1.725.002	425
	G1.725.003	600
	G1.725.004	900
	G1.725.005	1,200

	CODE	Length (mm)
290 series thermocouple type G tip unified sleeve (A515) packed with 2 connectors (11/32”- 32NS2A-ASA milled, M10x1)	G1.726.004	600

	CODE	Length (mm)
290 series thermocouple type G tip unified sleeve (A515) packed with 4 connectors (M8x1 milled, M9x1 milled, M10x1 milled, M10x1)	G1.726.007	600

	CODE	Length (mm)
200 series double-wire thermocouple type G tip unified sleeve (A504) packed with 4 connectors (M8x1 milled, M9x1 milled, M10x1 milled, 11/32”- 32NS2A-ASA milled)	G1.903.003	600
	G1.903.004	800

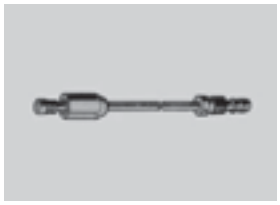
	CODE	Length (mm)
200 series double-wire thermocouple type G tip unified sleeve (A504) packed with 4 connectors (M8x1 milled, M9x1 milled, M10x1 milled, 11/32”- 32NS2A-ASA milled); bimetal thermostat, gold contacts, NC, +110 °C	G1.903.005	600

	CODE	Length (mm)
200 series double-wire thermocouple type G tip unified sleeve (A504) packed with 3 connectors (M9x1 milled, 11/32”- 32NS2A-ASA milled, M10x1); bimetal thermostat, gold contacts, NC, +110 °C	G1.903.007	800

200 series thermocouple type G tip unified sleeve (A515) packed with 3 connectors (M8x1 milled, M10x1 milled, 11/32”- 32NS2A-ASA milled)	CODE	Length (mm)
	G1.904.001	400+400

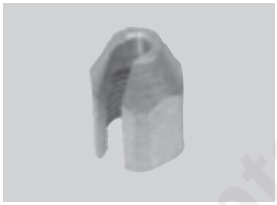
200 series thermocouple type G tip unified sleeve (A515) packed with 3 connectors (M8x1 milled, M9x1 milled, M10x1 milled)	CODE	Length (mm)
	G1.904.003	305+265

ACCESSORIES



Extension

CODE	Length (mm)	Connectors	Conductor
0.218.101	600	F M9x1 - M9x1	Copper capillary
G.1.707.105	400	F M8x1 - M8x1	Copper capillary
G.1.707.305	400	F M10x1	Copper capillary
G.1.707.101	500	F M8x1	Copper capillary
G.1.707.201	500	F M9x1	Copper capillary
G.1.707.208	500	F M9x1 - M9x1	Copper capillary
G.1.707.301	500	F M10x1	Copper capillary
G.1.707.401	500	ASA	Copper capillary
G.1.730.201	500	F M9x1 - M9x1	Braided wire
G.1.707.205	600	F M9x1	Copper capillary
G.1.707.202	1,000	F M9x1	Copper capillary
G.1.707.209	1,000	F M9x1 - M9x1	Copper capillary
G.1.707.302	1,000	F M10x1	Copper capillary
G.1.707.402	1,000	ASA	Copper capillary
G.1.707.304	1,500	F M10x1	Copper capillary
G.1.707.204	1,500	F M9x1	Copper capillary



Adapter fix

CODE	Feature
G6.032.015	M10x1

Milled Connector

CODE	Feature
0.974.089	M8x1 - M9x1
0.974.090	M10x1 - 11/32
0.974.116	M9x1 - 11/32
G6.032.017	M10x1 - 11/32
G6.032.021	M9x1 - 11/32
G6.032.027	M10x1 - M8x1

Milled Connector

CODE	Feature
G6.032.009	M10x1
G6.032.010	M9x1
G6.032.011	M8x1
G6.032.012	11/32

Connector

CODE	Feature
G6.032.014	M11x1

Connector

CODE	Feature
G6.032.013	M10x1

Nut for tc threaded sleeve

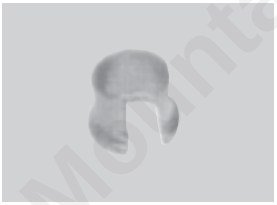
CODE	Feature
0.992.014	M8x1

Threaded bush

CODE	Feature
G6.059.001	M6x0.75

Threaded bush hexagon

CODE	Feature
G6.059.008	#9 M6x0.75

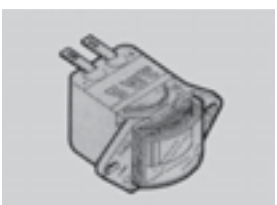


Milled bush

CODE	Feature
G6.059.003	ø 6.5x7.5

Spacer

CODE	Feature
G6.059.002	ø 6.5x20

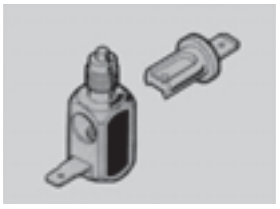


Display

CODE
0.926.106

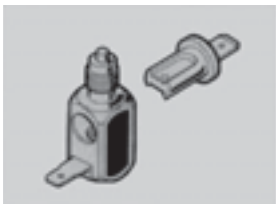
Interrupted connector

CODE	Feature
0.974.401	M8x1 - F M8x1
0.974.402	M9x1 - F M9x1
0.974.403	M10x1 - F M10x1
0.974.404	11/32 - F 11/32
0.974.406	M9x1 - F 11/32



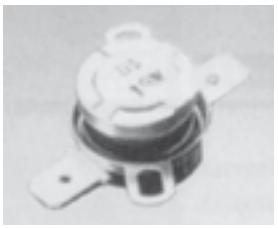
Display connector

CODE	Feature
0.974.070	M9x1 - F M9x1



Connector

CODE	Feature
0.974.409	M9x1 - F M9x1



Bimetal thermostat, gold contacts, normally closed

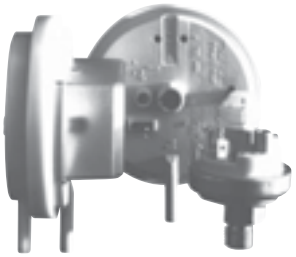
CODE	Opening Temperature (°C)
G6.070.001	+75±5°
G6.070.015	+80±5°
G6.070.016	+90±5°
G6.070.002	+95±5°
G6.070.003	+105±5°
G6.070.004	+110±5°
G6.070.017	+150±5°

Bimetal thermostat, silver contacts, normally closed

CODE	Opening Temperature (°C)
G6.070.005	+40±5°
G6.070.006	+45±5°
G6.070.007	+55±5°
G6.070.008	+75±5°
G6.070.009	+80±5°
G6.070.010	+85±5°
G6.070.012	+95±5°
G6.070.013	+105±5°

TECHNICAL FEATURES

Pressure Switches



310 GAS

340 AQUA

380 ARIA

310 GAS

MAIN FEATURES

Compact gas pressure switch designed to monitor gas pressure and activate switch contacts accordingly. The pressure switch can be used autonomously or integrated into a multi-functional gas control.

TECHNICAL DATA

• Maximum operating pressure	150 mbar	• AgCdO contacts	6 (1.5)A / 250 V~
• Ambient temperature	0...85°C	• Gold-plated contacts	< 0.1 A / 24 V =
• Trip setting tolerance	± 10%	• Electrical connections	male AMP connectors
• Reset setting tolerance	± 10% of trip setting		6.3 x 0.8 DIN 46244
• Mounting position	any position		
• For use with	1st, 2nd & 3rd gas families		

ACCESSORIES

N.	Code	Description	Q.ty
1	0.904.331	Cover IP 44 with screws	100

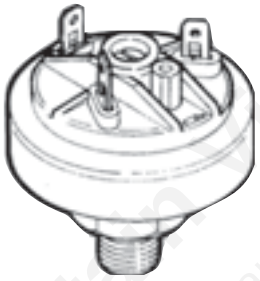
CODES

Codes	PRESSURE ADAPTER (BASE)	SETTING RANGE (mbar) TRIP/RESET	COLOR IDENTIFICATION	CONTACT: MATERIAL & TYPE	GROUND CONTACT	SIT NAME & LOGO	RUBBER SLEEVE FOR CONTACT PROTECTION
0310001	PLASTIC BM (SPECIAL)	17,25±1 / 12,75±1	YELLOW	AgNi WITHOUT N.C. CONTACT	NO	YES	NO
0310004	PLASTIC BM (SPECIAL)	13,5±1,5 / 10±1,5	YELLOW	AgNi WITHOUT N.C. CONTACT	NO	YES	NO
0310006	BRASS M10x1 with restrictor (ø 0.3) and filter	6+2-0 / 4+2-0	YELLOW	AgCDO WITH N.C. CONTACT	NO	YES	YES
0310007	BRASS M10x1 with restrictor (ø 0.3) and filter	16.5±1 / 11,5±1	BLUE	AgCDO WITH N.C. CONTACT	NO	YES	YES
0310011	BRASS G 1/4 with restrictor (ø 0.3) and filter	8±1 / 5,5±1	RED	AgCDO WITH N.C. CONTACT	YES	YES	YES
0310012	BRASS G 1/4 with restrictor (ø 0.3) and filter	8±1 / 5,5±1	RED	AgCDO WITH N.C. CONTACT	NO	YES	YES
0310015	PLASTIC GASTECNIC (SPECIAL)	5±1 / 2±1	ORANGE	GOLD WITHOUT N.C. CONTACT	NO	YES	NO
0310016	BRASS G 1/8 with restrictor (ø 0.3) and filter	16±1 / 12±1	BLACK	AgCDO WITHOUT N.C. CONTACT	NO	YES	NO
0310019	BRASS G 1/4 with restrictor (ø 0.3) and filter	4.9±1 / 2±1	BLACK	AgCDO WITH N.C. CONTACT	NO	YES	NO
0310020	BRASS G 1/4 with restrictor (ø 0.3) and filter	16±1,5 / 13±1,5	BLACK	AgCDO WITH N.C. CONTACT	NO	YES	YES
0310027	BRASS G 1/4 with restrictor (ø 0.3) and filter	11±1 / 8±1	GREEN	AgCDO WITHOUT N.C. CONTACT	NO	YES	NO
0310031	BRASS G 1/8 with restrictor (ø 0.3) and filter	17+0-2 / 13+1,5-0	BLACK	AgCDO WITH N.C. CONTACT	NO	YES	NO
0310033	BRASS G 1/4 with restrictor (ø 0.3) and filter	13±1 / 10±1	RED	AgCDO WITH N.C. CONTACT	NO	YES	NO
0310037	BRASS G 1/4 with restrictor (ø 0.3) and filter	10±1 / 5±1	GREEN	AgCDO WITHOUT N.C. CONTACT	NO	YES	NO

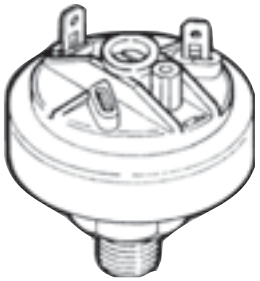
Codes	PRESSURE ADAPTER (BASE)	SETTING RANGE (mbar) TRIP/RESET	COLOR IDENTIFICATION	CONTACT: MATERIAL & TYPE	GROUND CONTACT	SIT NAME & LOGO	RUBBER SLEEVE FOR CONTACT PROTECTION
0310039	BRASS G 1/4 with restrictor (ø 0.3) and filter	31±1 / 26±1	RED	AgCDO WITH N.C. CONTACT	NO	YES	NO
0310042	BRASS M10x1 with restrictor (ø 0.3) and filter	14±1 / 10+2.9-0	BLACK	AgCDO WITHOUT N.C. CONTACT	NO	YES	NO
0310043	BRASS G 1/4 with restrictor (ø 0.3) and filter	16.5±1 / 11,5±1	BLUE	AgCDO WITH N.C. CONTACT	NO	YES	YES

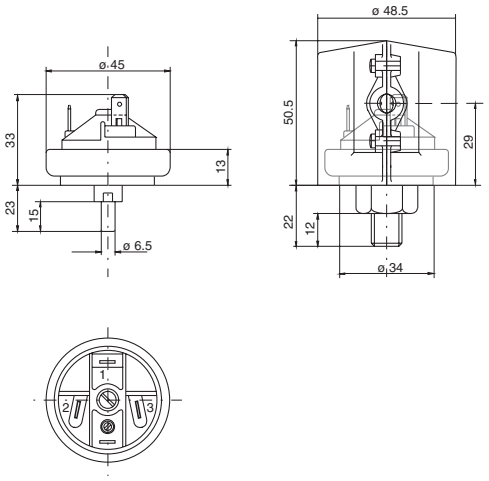
CONFIGURATIONS

A



B





340 AQUA

MAIN FEATURES

Compact water pressure switch particularly suitable for use in Combi-Boilers and many other pressure monitoring applications.

TECHNICAL DATA

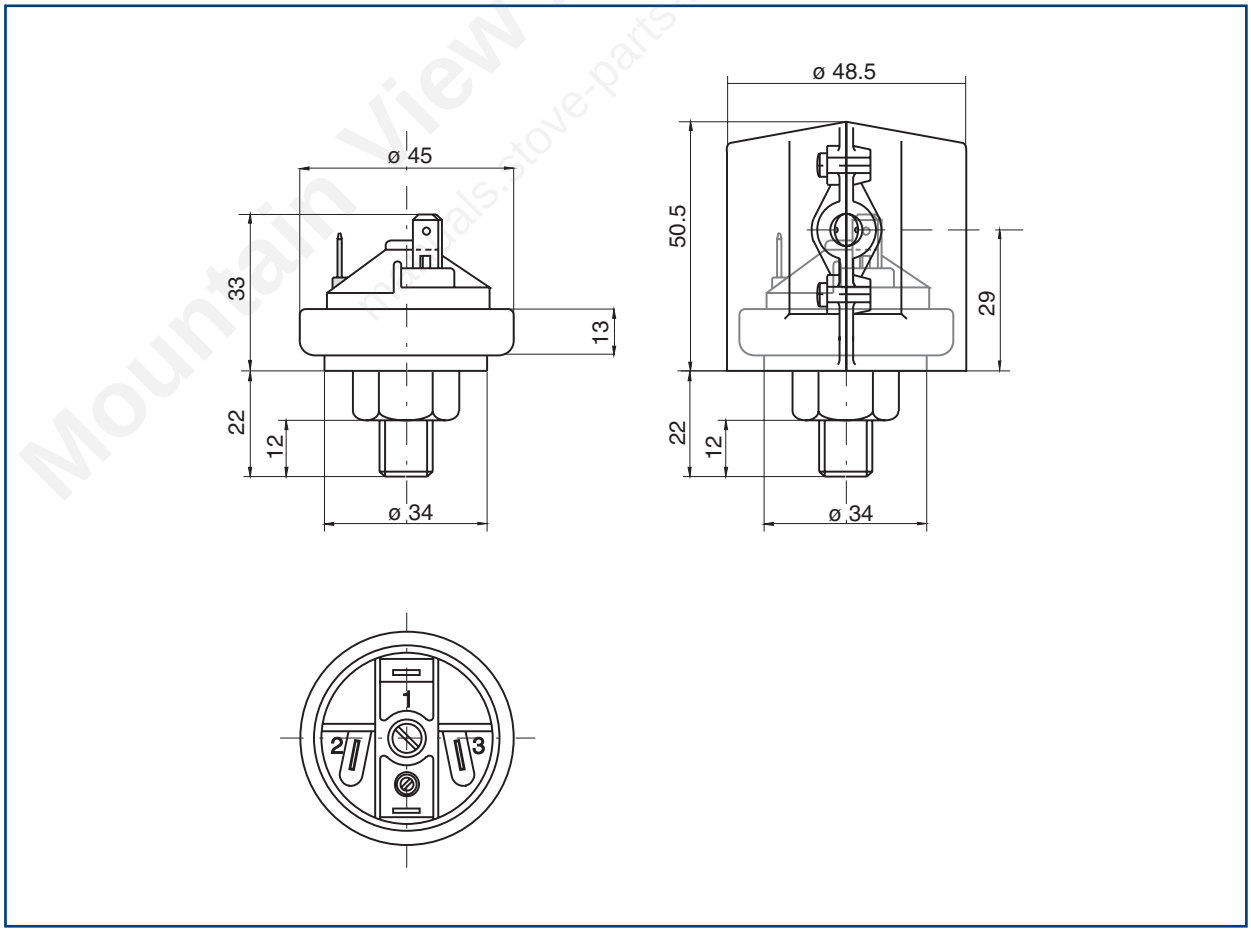
• Maximum operating pressure	15 bar	• Pressure connection	G 1/4, G 1/8, M 10x1 Other versions on request
• Ambient temperature	0...85°C		
• Trip setting tolerance	± 10%	• AgCdO contacts	6 (1.5)A / 250 V~
• Reset setting tolerance	± 10% of trip setting	• Gold-plated contacts	< 0.1 A / 24 V =
• Mounting position	any position	• Electrical connections	male AMP connectors 6.3 x 0.8 DIN 46244

ACCESSORIES

N.	Code	Description	Q.ty	Q.ty
1	0.904.331	Cover IP 44 with screws	100	

CODES

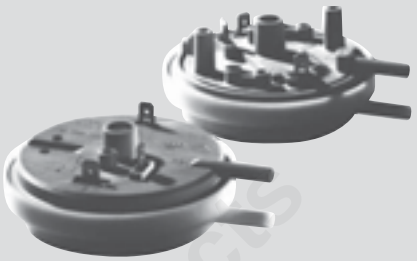
Codes	BASE	PRESSURE ADAPTER	SETTING RANGE (mbar)	COLOR IDENTIFICATION	CONTACT MATERIAL
0340002	BRASS TYPE 911	G 1/4	500 + 0 -100 / 300 + 100 - 0	BLACK	AgCdO with NC contact
0340003	BRASS TYPE 911	G 1/4	1000 ± 100 / 800 + 150 - 0	RED	AgCdO without NC contact
0340004	BRASS TYPE 911	G 1/4	450 ± 50 / 250 + 150 - 0	RED	GOLD without NC contact
0340006	BRASS TYPE 911	G 1/4	800 ± 80 / 600 ± 80	RED	GOLD with NC contact
0340007	BRASS TYPE 911	G 1/8	500+100-40 / 350+40-100	BLACK	AgCdO with NC contact
0340008	BRASS TYPE 911	G 1/4	600 ± 60 / 400 ± 60	RED	AgCdO with NC contact
0340009	BRASS TYPE 911	G 1/4	700 ± 60 / 500 ± 60	RED	GOLD with NC contact
0340010	BRASS TYPE 911	G 1/4	1000 ± 100 / 800 + 150 - 0	RED	GOLD without NC contact
0340011	BRASS TYPE 911	G 1/4	800 ± 80 / 600 ± 80	BLACK	AgCdO with NC contact
0340012	BRASS TYPE 911	G 1/4	1000 ± 100 / 800 + 150 - 0	BLACK	AgCdO with NC contact
0340013	BRASS TYPE 911	G 1/4	500 + 0 -100 / 300 + 100 - 0	BLACK	AgCdO with NC contact
0340014	PLASTIC BODY	Quick connection with OR	700 + 0-100 / 500 +100-0	BLACK	GOLD with N.1 + N.2 contacts only
0340015	BRASS TYPE 911	G 1/4	1000 ± 100 / 800 + 150 - 0	RED	GOLD without NC contact
0340016	BRASS TYPE 911	G 1/4	700 / 500	BLACK	AgCdO with NC contact
0340020	BRASS TYPE 911	G 1/8	500 ±40 / 350 ±40	BLACK	AgCdO with NC contact



380 ARIA

MAIN FEATURES

Differential air pressure switch suitable for use on all gas appliances with a fan forced combustion circuit.



TECHNICAL DATA

• Maximum operating pressure	50 mbar	• Standard mounting position	diaphragm vertical
• Ambient temperature	0...85°C	• AgCdO/AgNi contacts	1.5 (0.4)A / 250 V~
• Trip setting tolerance	± 10%	• Gold-plated contacts	< 0.1 A / 24 V =
• Reset setting tolerance	± 10% of trip value	• Electrical connections	male AMP connectors
• Pressure connections	ø 6 mm dia. hose		6.3 x 0.8 DIN 46244

ACCESSORIES

N.	Code	Description	Q.ty	N.	Code	Description	Q.ty
1	0.904.344	Plastic cover for 380 series with screws	100	3	0.978.401	Fixing bracket L type with screws	100
2	0.978.403	Cable restraint for 380 series with screws	100	4	0.978.402	Fixing bracket S type with screws	100

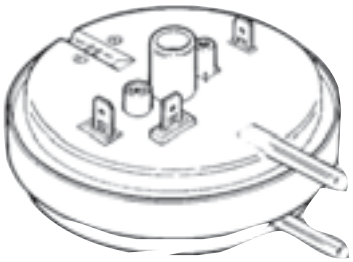
CODES

Codes	CONFIGURATION	SETTING RANGE (Pascal)	COLOR IDENTIFICATION - SEALING	CONTACT MATERIAL	RESTRICTOR	MOUNTING SCREWS
0380001	A	64±5 / 44±5 VERTICAL POSITION	YELLOW	AgNi	NO	YES
0380004	A	50±5 / 30±5 VERTICAL POSITION	BLACK	AgNi	NO	NO
0380005	A	104+10-0 / 78+10-0 30° POSITION	YELLOW	AgNi	NO	NO
0380006	A	100±10 / 73+7-8 30° POSITION	BLUE	AgNi	NO	NO
0380013	B	80±10 / 60±10 HORIZONTAL POSITION	NO IDENTIFICATION	AgCDO	NO	NO
0380014	A	59±5 / 39±5 VERTICAL POSITION	GREEN	AgCDO	NO	YES
0380018	B	44+10-5 / 29±7 VERTICAL POSITION	BLACK	AgCDO	NO	NO
0380019	B	64±5 / 44±5 VERTICAL POSITION	YELLOW	AgNi	NO	NO
0380020	A	44+10-5 / 29±7 VERTICAL POSITION	BLACK	AgCDO	NO	YES
0380021	A	64±5 / 44±5 VERTICAL POSITION	YELLOW	AgNi	NO	YES
0380022	A	NO CALIBRATION	NO COLOR - NO SEALED SCREWS	AgCDO	NO	NO
0380023	A	34±5 / 20±5 VERTICAL POSITION	ORANGE	AgCDO	NO	NO
0380027	B	NO CALIBRATION	NO COLOR - NO SEALED SCREWS	AgCDO	NO	NO
0380028	A	181+15-0 / 167+15-0 VERTICAL POSITION	WHITE	AgCDO	NO	NO
0380029	A	100+15-0 / 80+15-0 VERTICAL POSITION	YELLOW	AgCDO	NO	NO
0380030	A	79±5 /55+15-0 45° POSITION	BLUE	GOLD	NO	YES
0380031	A	136±10 / 116±10 45° POSITION	RED	GOLD	NO	YES
0380033	A	39±5 / 25+10-5 VERTICAL POSITION	NO IDENTIFICATION	AgNi	NO	YES
0380036	A	75±5 / 60±5 VERTICAL POSITION	WHITE	AgNi	NO	YES
0380037	A	105+8-2 / 90+8-2 VERTICAL POSITION	BLACK	AgNi	NO	YES
0380038	A	175+0-15 / 135+15-0 VERTICAL POSITION	YELLOW	AgNi	NO	YES
0380040	A	68MAX. / 48±5 VERTICAL POSITION	YELLOW	AgNi	NO	YES
0380041	A	170±17 / 130±13 VERTICAL POSITION	YELLOW	AgNi	NO	YES
0380042	A	39±7 / 25±7 VERTICAL POSITION	ORANGE	GOLD	NO	NO
0380043	A	59±10 /42±10 HORIZONTAL POSITION	NO IDENTIFICATION	AgCDO	NO	YES
0380044	A	69±10 / 49±10 VERTICAL POSITION	NO IDENTIFICATION	AgCDO	NO	YES
0380046	A	110±10 /85±10 VERTICAL POSITION	BLUE	AgNi	NO	YES

Codes	CONFIGURATION	SETTING RANGE (Pascal)	COLOR IDENTIFICATION - SEALING	CONTACT MATERIAL	RESTRICTOR	MOUNTING SCREWS
0380047	A	270±20 /215±15 VERTICAL POSITION	BLACK	AgNi	NO	YES
0380048	B	95±10 /65±10 VERTICAL POSITION	NO IDENTIFICATION	AgCDO	NO	NO
0380049	A	90±5 / 70+8-2 VERTICAL POSITION	RED	AgNi	NO	YES
0380050	B	88±7 / 72±7 VERTICAL POSITION	NO IDENTIFICATION	AgNi	NO	NO
0380051	A	95±7 / 75±7 VERTICAL POSITION	RED	AgNi	NO	NO
0380053	A	340±20 / 285±15 VERTICAL POSITION	BLACK	AgNi	NO	YES
0380054	A	130+0-10 / 100+10-0 VERTICAL POSITION	NO IDENTIFICATION	GOLD	NO	NO
0380055	A	55±10 / 38±5 VERTICAL POSITION	LOCTITE SEALING ON SCREWS	AgNi	¿ 0,5	YES
0380057	A	112±15 / 81±7 VERTICAL POSITION	RED	AgNi	NO	YES
0380059	A	MAX.103 / MIN.76 VERTICAL POSITION	LOCTITE SEALING ON SCREWS	AgNi	¿ 0,5	YES
0380060	A	75±5 / 55±5 VERTICAL POSITION	RED	AgNi	¿ 0,5	NO
0380061	A	80±5 / 60±5 VERTICAL POSITION	GREEN	AgCDO	NO	YES
0380062	A	110+0-10 / 85+10-0 VERTICAL POSITION	NO IDENTIFICATION	GOLD	NO	NO
0380063	A	130-5+10 / 115±5 VERTICAL POSITION	RED	AgCDO	NO	NO
0380064	B	160±10 / 130±10 VERTICAL POSITION	NO IDENTIFICATION	AgCDO	NO	NO
0380065	B	MAX. 65 / MIN. 47 VERTICAL POSITION	GREEN	AgNi	NO	NO
0380066	A	150 Max / 120 Min VERTICAL POSITION	RED	AgNi	NO	YES
0380067	A	430+0-30 / 390+10-20 Diff.>=10 VERTICAL	GREEN	AgNi	NO	YES
0380068	A	Reset 74±8 Diff. 7 to 23 VERTICAL	BLUE	GOLD	NO	YES
0380069	A	Reset 74±8 Diff. 7 to 23 VERTICAL	RED	AgNi	NO	YES
0380070	A	Reset 135±10 Diff. 7 to 23 VERTICAL	YELLOW	GOLD	NO	YES
0380071	B	150±15 / 125±10 VERTICAL POSITION	NO IDENTIFICATION	AgCDO	NO	NO
0380072	A	150+0-10 / 120+10-0 VERTICAL POSITION	NO IDENTIFICATION	GOLD	NO	NO
0380073	A	34±5 / 20±5 VERTICAL POSITION	ORANGE	AgCDO	NO	YES
0380074	A	45±7 / 20±7 VERTICAL POSITION	NO IDENTIFICATION	GOLD	NO	NO
0380075	A	250 Max / 200 Min VERTICAL POSITION	YELLOW	AgNi	NO	YES
0380076	A	130±10 /100±10 30° POSITION	BLUE	AgNi	NO	NO

Codes	CONFIGURATION	SETTING RANGE (Pascal)	COLOR IDENTIFICATION - SEALING	CONTACT MATERIAL	RESTRICTOR	MOUNTING SCREWS
0380079	A	130+15-0 / 110+15-0 VERTICAL POSITION	BLACK	AgCDO	NO	NO
0380080	A	140±10 / 105+15-0 VERTICAL POSITION	NO IDENTIFICATION	AgCDO	NO	YES
0380081	A	300+0-20 / 210+20-0 VERTICAL POSITION	NO IDENTIFICATION	AgNi	NO	YES
0380082	B	Reset 255±25 Diff. 10 to 40 VERTICAL	YELLOW	AgCDO	NO	NO
0380083	A	205±20 /162±15 30° POSITION	RED	AgNi	NO	NO
0380084	A	Trip 120 ±10 Diff. 20 Max. VERTICAL	GREEN	AgNi	NO	YES
0380085	A	75±7 / 45±5 VERTICAL POSITION	NO IDENTIFICATION	GOLD	NO	YES
0380086	A	60±7 / 40±5 HORIZONTAL POSITION	BLACK	GOLD	NO	YES
0380087	A	65±7 / 35±7 VERTICAL POSITION	NO IDENTIFICATION	GOLD	NO	NO
0380088	A	59±5 / 39±5 VERTICAL POSITION	GREEN	AgCDO	¿ 0,5	YES
0380089	A	80±8 / 60±6 HORIZONTAL POSITION	NO IDENTIFICATION	AgCDO	NO	YES
0380090	A	120±10 / 100+5-10 HORIZONTAL	BLACK	AgCDO	NO	YES
0380091	A	39±5 / 25+10-5 VERTICAL POSITION	RESET SCREW SEALED	AgNi	NO	YES
0380092	A	120+10-5 / 105+5-10 VERTICAL POSITION	RED	AgNi	¿ 0,5	NO
0380093	B	MAX 65 / MIN 47 HORIZONTAL POSITION	GREEN	AgNi	NO	NO
0380094	B	81±10 / 66±6 VERTICAL POSITION	YELLOW	AgCDO	NO	NO
0380095	A	100±5 / 80±5 VERTICAL POSITION	NO IDENTIFICATION	AgNi	NO	YES
0380096	A	65±5 / 50±5 VERTICAL POSITION	Violet	AgNi	NO	YES
0380097	A	88+12-7 / 74+7-11 VERTICAL POSITION	NO IDENTIFICATION	GOLD	NO	NO
0380098	A	107+12-6 / 95+6-11 VERTICAL POSITION	NO IDENTIFICATION	GOLD	NO	NO
0380099	B	205±15 / 120±10 VERTICAL POSITION	NO IDENTIFICATION	AgCDO	NO	NO

CONFIGURATIONS



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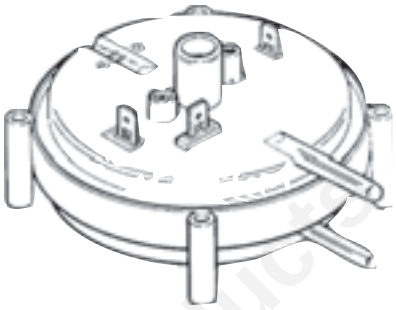

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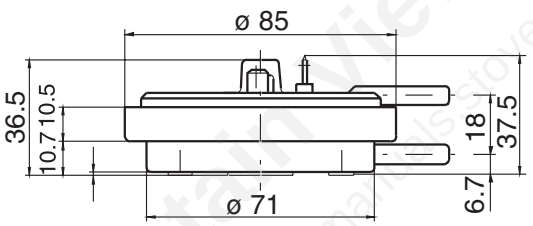
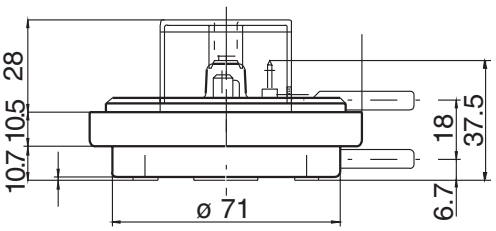
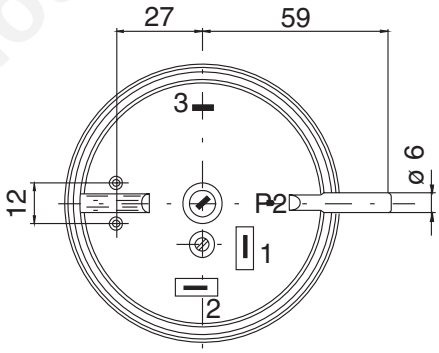
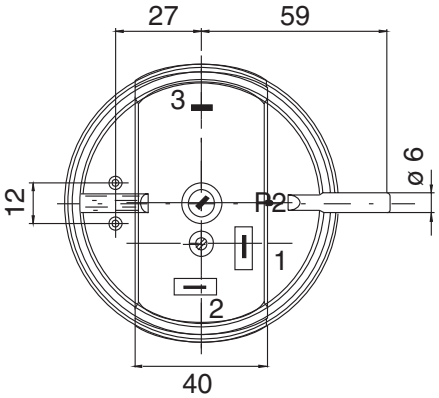


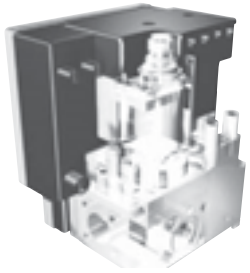






TECHNICAL FEATURES

Electronic Controls



501 EFD

503 EFD

537 ABC (EQUIVALENT TO 507 EFD)

577 DBC

579 DBC

580 BIC

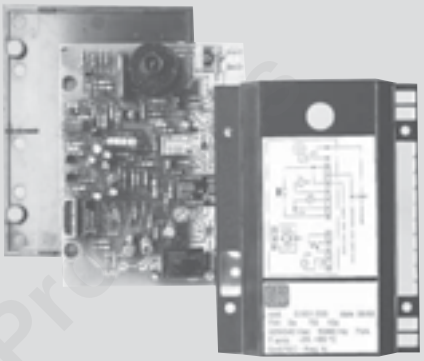
543 BIC

BV BIC

550 ECS

501 EFD

MAIN FEATURES



The 501 EFD automatic direct burner ignition (DBI) unit has been designed for atmospheric and fan assisted burners which require non volatile lock-out.
This SIT Flame Failure Device is a solid state controller based on the well known and proven rectification effect of flame ionization.
A suitable design and a special components selection has allowed SIT to obtain a wide temperature range from -20 to + 80 °C.

The 501 EFD provides automatic ignition control with non volatile lock-out for intermittent operation in accordance with EN 298 for:
- Atmospheric burners
- Fan-assisted boilers, including dynamic air check.

Standard reference EN 298

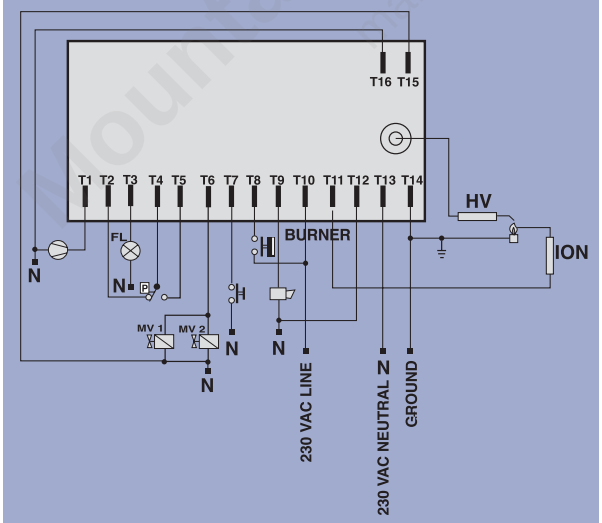
TECHNICAL DATA

• Ambient temperature	-20 to + 80 C°
• Humidity	95% max at 40 C°
• Supply voltage	230 Vac - 15%, +10%, 50-60Hz
• Power consumption	10 VA
• Electrical ratings	Valve: 230 Vac, 0.5 A, cosφ=0.6 Fan: 230 Vac, 0.5 A, cosφ=0.6 Flame relay: 230 Vac, 0.5 A, cosφ=0.6 Alarm: 230 Vac, 0.5 A,cosφ=0.1
• Electrical connections	High voltage probe: fast-on 2.8 x 0.5 mm Connectors - STELVIO/STOCKO, or fast-on 6.3 x 0.8 mm
• Protection degree	IP 00 (fast-on) IP 20 (STELVIO/STOCKO)
• Timing	Minimum waiting time Tw: 1.5-3-5-7-10-30 sec. Minimum pre-purge time Tp: 1.5-3-5-7-10-30 sec. Maximum safety time Ts: 5-10 sec.
• Flame sensing	Minimum flame current: 0.5 µA Recommended flame current: > 1 µA
• Fusing	Internal: 2 A, not replaceable External: 1.6 A fast. The 501 EFD should be externally fused to protect the unit.
• Ignition	Ignition voltage: 15 KV at 30 pF load Repetition rate: 15 Hz +/- 20% Max length of the cable 2 m Spark gap recommended: 2-4 mm
• Mounting	No restriction for mounting position

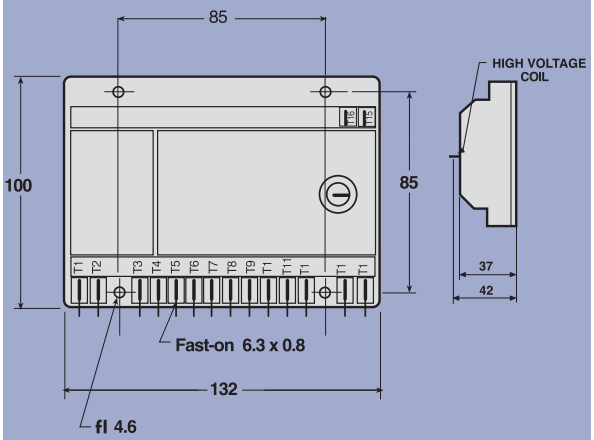
CODES

Codes	electrodes	waiting or purge time [s]	safety time [s]	connections for FAN/APS	Flame Relay	lockout
0501104	2	5	10	yes	yes	volatile
0501201	2	1.5	5	no	no	not volatile
0501213	2	1.5	10	no	no	not volatile
0501219	2	1.5	10	no	yes	not volatile
0501227	2	5	5	yes	no	not volatile
0501233	2	5	5	yes	yes	not volatile
0501267	1	1.5	10	no	yes	not volatile
0501498	3	3	10	no	yes	not volatile

ELECTRICAL CONNECTIONS



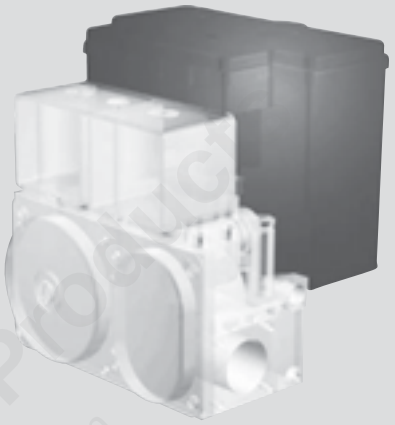
DIMENSIONS



503 EFD

MAIN FEATURES

The 503 EFD is an electronic flame safety device for controlling a gas appliance using the principles of flame rectification.
The 503 EFD automatic device has been designed for domestic gas appliances with or without a fan in the combustion circuit, with direct ignition or ignition by means of an intermittent pilot in applications which require either non-volatile or volatile lockout. It is also possible to have two separate electrodes for flame ignition and detection or to have these two functions incorporated in a single electrode.
The 503 EFD family of products has been specifically designed for fixing on SIT 830, 836 and 837 TANDEM and SIT 822, 826 and 827 NOVA multifunctional controls by means of an exclusive plastic container which integrates itself with the valve body and simplifies connection of the solenoid valves.



The 503 EFD is an automatic ignition control for applications with intermittent operation in accordance with EN 298 for:
- boilers with natural draught
- boilers with forced draught including dynamic control of the air pressure switch.

Standard reference EN 298

TECHNICAL DATA

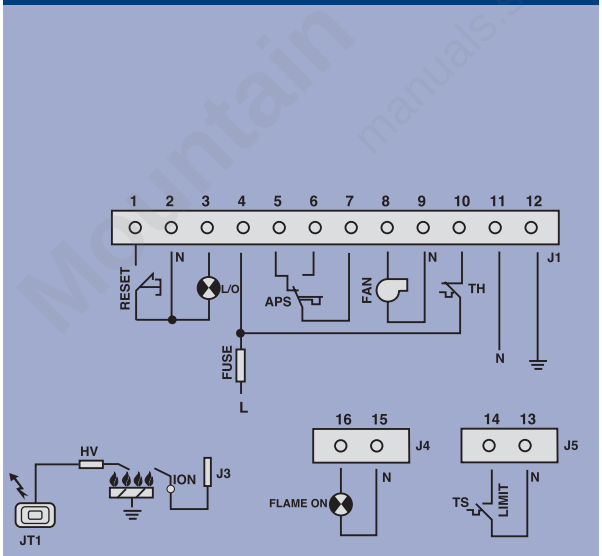
• Ambient working temperature	-20... to + 60 °C
• Humidity	95% max at 40 °C
• Supply voltage	220/240 Vac - 15%, + 10%, 50-60 Hz
• Power consumption	maximum 10 VA for versions without fan maximum 12 VA for versions with fan
• Electrical ratings	Pilot valve or main valve: 230 Vac, 0.5 A, cosφ≥ 0.4 Fan: 230 Vac, 1 A, cosφ≥ 0.4 Flame relay: 230 Vac, 0.5 A, cosφ≥ 0.4 Alarm: 230 Vac, 1 A, cosφ =1
• Electrical connections	High voltage probe: male fast-on connector 2.8 x 0.5 mm Flame detection probe: Male fast-on connector 4.8 x 0.5 mm Other connections: male Molex series 2599 suitable for female Molex series 3001 and 3002 or compatible
• Protection degree	standard IP 40 IP 44 with gaskets
• Timing	Minimum waiting time Tw or purge time Tp: 1.5...40 sec. Maximum safety time Ts: 3...120 sec.
• Flame sensing	Minimum flame current: 0.5...2.5 µA (standard 0.5) Recommended flame current: > 3 times the minimum current
• Fusing	Internal: 4 A fast External: 3.15 A fast or less depending on the electrical loads. This fuse protects the device in the event of overloading or short circuits and prevents the intervention of the internal fuse
• Ignition	Ignition voltage: 15 KV at 30 pF load Repetition rate: 1 Hz...25 Hz (standard 25) Max length of the cable 2 m Spark gap recommended: 2-4 m
• Mounting	Integrated on SIT 830, 836, 837 TANDEM and SIT 822, 826, 827 NOVA multifunctional gas controls

CODES

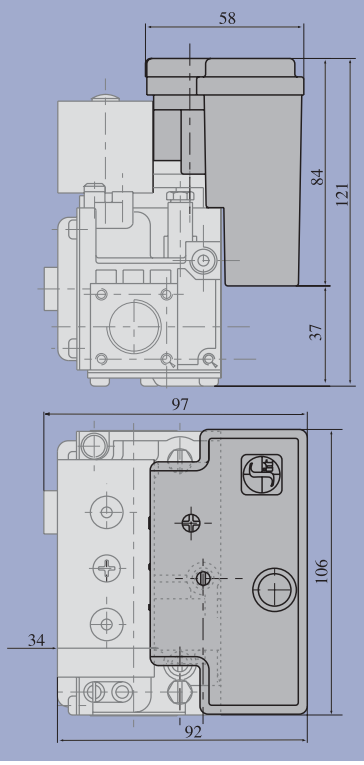
Codes	electrodes	waiting or purge time [s]	safety time [s]	connections for FAN/APS	lockout	ignition (*)	protection degree
0503001	2	30	10	no	volatile	DBI	IP 44
0503003	2	1.5	10	no	not volatile	DBI	IP 40
0503004	1	1.5	5	no	not volatile	DBI	IP 40
0503005	2	1.5	30	no	volatile	DBI	IP 20
0503006	2	1.5	7	no	volatile	DBI	IP 44
0503101	2	1.5	10	no	not volatile	DBI	IP 20
0503104	2	10	5	no	not volatile	DBI	IP 20
0503201	2	1.5	25	no	not volatile	IP	IP 40
0503204	1	1.5	60	no	volatile	IP	IP 20
0503501	2	10	5	yes	not volatile	DBI	IP 40
0503602	2	1.5	10	yes	not volatile	DBI	IP 20
0503603	2	1.5	10	yes	not volatile	DBI	IP 44
0503703	1	1.5	60	yes	volatile	IP	IP 44
0503901	2	30	5	yes	volatile	DBI	IP 44

(*) DBI: Direct burner ignition
IP: Ignition by intermittent pilot

ELECTRICAL CONNECTIONS



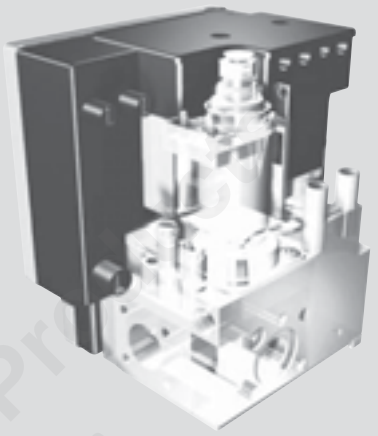
DIMENSIONS



537 ABC

MAIN FEATURES

The 537 ABC is an electronic flame safety device for controlling a gas appliance using the principles of flame rectification.
The 537 ABC automatic device has been designed for domestic gas appliances with or without a fan in the combustion circuit; with direct ignition or ignition by means of an intermittent pilot in applications which require either non-volatile or volatile lockout.
The 537 ABC family of products has been specifically designed for fixing on SIT 840, 845 and 848 SIGMA multifunctional controls by means of an exclusive plastic container which integrates itself with the valve body and simplifies connection of the solenoid valves.



The 537 ABC is an automatic ignition control for applications with intermittent operation in accordance with EN 298 for:
- boilers with natural draught
- boilers with forced draught including dynamic control of the air pressure switch.

Standard reference EN 298

TECHNICAL DATA

• Ambient working temperature	-20... + 60 °C
• Humidity	95% max. at 40 °C
• Supply voltage	230 Vac - 15%, + 10%, 50/60 Hz
• Power consumption	10 VA
• Electrical ratings	Gas valves: 230 Vac, 0.5 A, cosφ≥ 0.4 Fan: 230 Vac, 1 A, cosφ≥ 0.4 (optional) Alarm: 230 Vac, 1 A, cosφ=1
• Electrical connections	High voltage probe: male fast-on connectors 2.8 x 0.5 mm Flame detection probe: male fast-on connector 4.8 x 0.8 mm Other connections: male Molex series 2599 suitable for female Molex series 3001 and 3002 or compatible
• Protection degree	Standard IP 40 IP 44 with gaskets
• Timing	Minimum waiting time Tw or purge time Tp: 1.5...40 sec. Maximum safety time Ts: 3...60 sec.
• Flame sensing	Minimum flame current: 0.5 µA Recommended flame current: > 3 times the minimum current
• Fusing	Internal: 4 A fast not replaceable External: 3.15 A fast or less depending on the electrical loads. This fuse protects the device in the event of overloading or short circuits and prevents the intervention of the internal fuse.
• Ignition	Ignition voltage: 15 KV at 30 pF load Repetition rate: 25 Hz standard (1÷25 Hz) Max length of the cable 2 m Spark gap recommended: 2-4 m
• Mounting	Integrated on SIT SIGMA multifunctional gas controls

CODES

Codes	Equivalent code	Electrodes	Waiting or purge time [s]	Safety time [s]	Connections for FAN/APS	Flame relay	Ignition (*)	Lockout
0537001	507001	3	1.5	10	no	no	DBI	not volatile
0537002	507002	1	1.5	7.5	no	yes optocoupled	DBI	volatile
0537003	507003	2	1.5	10	no	no	DBI	not volatile
0537004	/	1	1.5	7.5	no	yes optocoupled	DBI	volatile
0537005	/	2(**)	1.5	7.5	no	no	DBI	not volatile
0537007	/	1	1.5	5	no	yes optocoupled	DBI	volatile
0537008	/	3	1.5	10	no	no	DBI	volatile
0537009	/	3	1.5	5	no	no	DBI	not volatile
0537101	/	1	1.5	10	no	yes	DBI	not volatile
0537102	/	3	1.5	30	no	yes	DBI	volatile
0537103	/	1	1.5	10	no	yes	DBI	volatile
0537201	507201	3	1.5	60	no	no	IP	not volatile
0537203	/	1	1.5	60	no	no	IP	not volatile
0537204	/	3	1.5	25	no	no	IP	not volatile
0537301	507301	3	1.5	10	yes	no	DBI	volatile
0537303	/	2(**)	1.5	30	yes	no	DBI	not volatile
0537304	507304	3	1.5	10	yes	no	DBI	not volatile
0537305	507305	1	1.5	5	yes	no	DBI	not volatile
0537307	/	3	1.5	5	yes	no	DBI	not volatile
0537309	/	3	10	10	yes	no	DBI	not volatile
0537401	507401	3	1.5	10	yes	yes	DBI	not volatile
0537402	/	3	5	10	yes	yes	DBI	volatile
0537403	/	3	30	5	yes	yes	DBI	volatile
0537404	/	3	1.5	10	yes	yes	DBI	volatile
0537501	507501	3	1.5	60	yes	no	IP	not volatile
0537502	/	3	30	25	yes	no	IP	not volatile

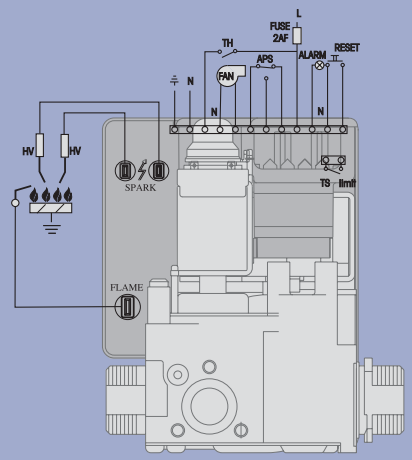
(*) DBI: Direct burner ignition (operate EV1 and EV2 simultaneously)
IP: Ignition by intermittent pilot (operate EV1 and EV2 separately)

(**) Spark electrode Ø 4mm

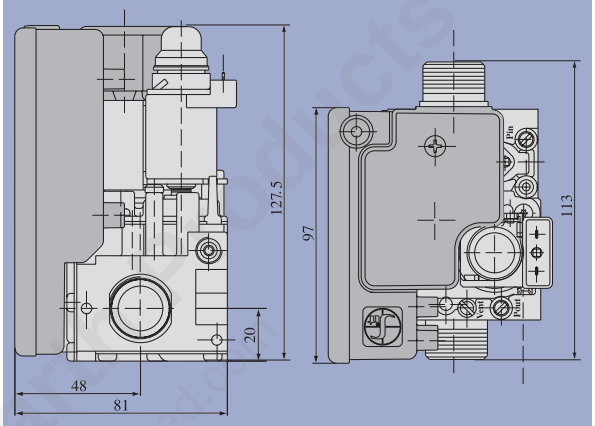
ACCESSORIES

N.	Code	Description	Q.ty	N.	Code	Description	Q.ty
1	0.948.074	Gasket (IP 44 protection)	100	3b	0.996.095	Housing molex 3001 (3 positions)	100
2	0.996.093	Terminal molex 3001	100	3c	0.996.096	Housing molex 3001 (9 positions)	100
3a	0.996.094	Housing molex 3001 (2 positions)	100	3d	0.996.097	Housing molex 3001 (12 positions)	100

ELECTRICAL CONNECTIONS



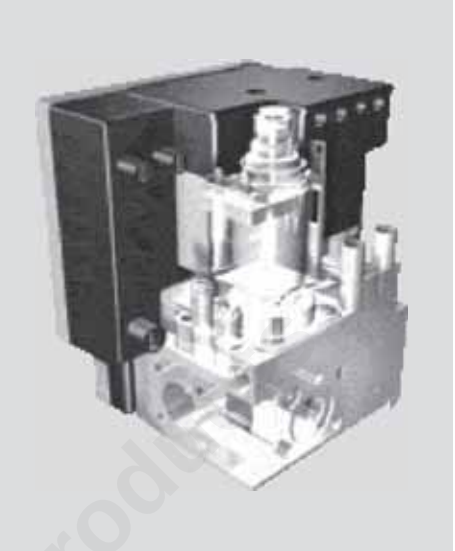
DIMENSIONS



577 DBC

MAIN FEATURES

The 577 Digital Burner Control is a family of electronic devices with integrated functions for the safety and the control of combustion in home gas appliances and has the same functions of 537 ABC family, with which it is interchangeable.
The 577 DBC is dedicated in particular to boilers, water heaters and hot air generators with both natural draught and fan assisted burners.
The 577 DBC family of products has been specifically designed for fixing on SIT 840, 845 and 848 SIGMA multifunctional controls by means of an exclusive plastic box which integrates itself with the valve body and simplifies the connection of the solenoid valves.



CODES

Codes	Working temperature	PROBES	WAITING or PURGE TIME [s]	SAFETY TIME [s]	FAN and APS	FLAME RELAY	SPARK FREQUENCY
0577002	0°C - 60°C	One electrode for both ignition and detection	1.5	'7.5	NO (Atmospheric burners appliance)	YES (Optocoupler interface for ECS)	25 Hz
0577009	0°C - 60°C	One electrode for both ignition and detection	Without waiting or purge time	'5	NO (Atmospheric burners appliance)	NO	25 Hz
0577010	0°C - 60°C	One electrode for both ignition and detection	Without waiting or purge time	'5	NO (Atmospheric burners appliance)	NO	25 Hz
0577011	0°C - 60°C	2 separate probes (1 ignition + detection)	Without waiting or purge time	10	NO (Atmospheric burners appliance)	NO	25 Hz
0577101	0°C - 60°C	One electrode for both ignition and detection	1.5	10	NO (Atmospheric burners appliance)	YES (only with DBI version)	50 Hz
0577102	0°C - 60°C	One electrode for both ignition and detection	10	'5	NO (Atmospheric burners appliance)	YES (only with DBI version)	25 Hz
0577211	-10°C - 60°C	One electrode for both ignition and detection	Without waiting or purge time	55	YES (Fan assisted appliance)	YES (only with DBI version)	25 Hz
0577301	0°C - 60°C	3 separate probes (2 ignition + 1 detection)	1.5	10	YES (Fan assisted appliance)	NO	25 Hz
0577304	0°C - 60°C	3 separate probes (2 ignition + 1 detection)	1.5	10	YES (Fan assisted appliance)	NO	6 Hz
0577305	0°C - 60°C	One electrode for both ignition and detection	1.5	10	YES (Fan assisted appliance)	NO	25 Hz
0577306	0°C - 60°C	One electrode for both ignition and detection	10	10	YES (Fan assisted appliance)	NO	25 Hz
0577307	0°C - 60°C	2 separate probes (1 ignition + detection with sense period)	1.5	6	YES (Fan assisted appliance)	NO	50 Hz
0577308	0°C - 60°C	One electrode for both ignition and detection	30	7	YES (Fan assisted appliance)	NO	25 Hz

LOCKOUT	RESET & LOCKOUT SIGNAL	BURNER IGNITION MODE	PROTECTION DEGREE	OVERTEMPERATURE SAFETY THERMOSTAT	POLARITY	INTERPURGE [s]	START ATTEMPTS
Volatile	External only (Optocoupler inteface for ECS)	DBI (operate EV1 and EV2 simultaneously)	IP 44	NO	Polarity dependency	NO interpurge (single start attempt)	1
Not volatile	Internal only (switch)	DBI (operate EV1 and EV2 simultaneously)	IP 40	NO	NO Polarity dependency	10 sec	2
Not volatile	Internal only (switch)	DBI (operate EV1 and EV2 simultaneously)	IP 40	NO	NO Polarity dependency	NO interpurge (single start attempt)	1
Volatile	External only	DBI (operate EV1 and EV2 simultaneously)	IP 44	NO	NO Polarity dependency	15 sec	3
Not volatile	External only	DBI (operate EV1 and EV2 simultaneously)	IP 40	NO	Polarity dependency	15 sec	3
Not volatile	Internal only (switch)	DBI (operate EV1 and EV2 simultaneously)	IP 40	NO	NO Polarity dependency	10 sec	3
Not volatile	Internal only (switch)	DBI (operate EV1 and EV2 simultaneously)	IP 40	NO	NO Polarity dependency	5 sec	3
Not volatile	External only	DBI (operate EV1 and EV2 simultaneously)	IP 44	YES (Normally closed switch in series with the gas valve)	Polarity dependency	10 sec	3
Not volatile	External only	DBI (operate EV1 and EV2 simultaneously)	IP 40	YES (Normally closed switch in series with the gas valve)	Polarity dependency	15 sec	3
Not volatile	External only	DBI (operate EV1 and EV2 simultaneously)	IP 40	YES (Normally closed switch in series with the gas valve)	Polarity dependency	15 sec	3
Volatile	External only	DBI (operate EV1 and EV2 simultaneously)	IP 40	NO	NO Polarity dependency	10 sec	2
Not volatile	External only	DBI (operate EV1 and EV2 simultaneously)	IP 40	NO	Polarity dependency	15 sec	3
Not volatile	External only	DBI (operate EV1 and EV2 simultaneously)	IP 44	YES (Normally closed switch in series with the gas valve)	NO Polarity dependency	10 sec	3

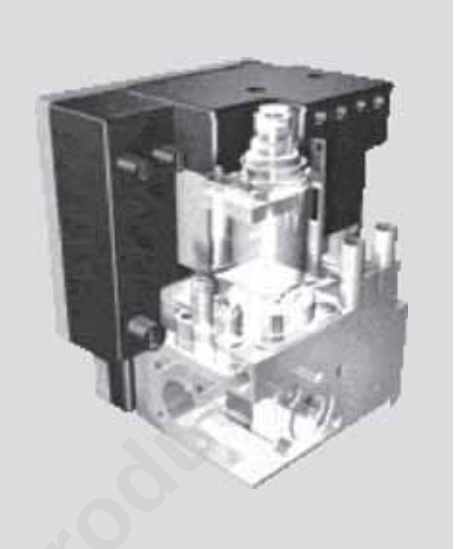
Codes	Working temperature	PROBES	WAITING or PURGE TIME [s]	SAFETY TIME [s]	FAN and APS	FLAME RELAY	SPARK FREQUENCY
0577309	0°C - 60°C	3 separate probes (2 ignition + 1 detection)	1.5	6	YES (Fan assisted appliance)	NO	25 Hz
0577310	0°C - 60°C	3 separate probes (2 ignition + 1 detection)	1.5	10	YES (Fan assisted appliance)	NO	25 Hz
0577311	0°C - 60°C	3 separate probes (2 ignition + 1 detection)	1.5	10	YES (Fan assisted appliance)	NO	6 Hz
0577404	0°C - 60°C	2 separate probes (1 ignition + detection)	10	'5	YES (Fan assisted appliance)	YES (only with DBI version)	50 Hz
0577405	0°C - 60°C	2 separate probes (1 ignition + detection)	10	'5	YES (Fan assisted appliance)	YES (only with DBI version)	25 Hz
0577406	0°C - 60°C	One electrode for both ignition and detection	10	'5	YES (Fan assisted appliance)	YES (only with DBI version)	25 Hz
0577408	0°C - 60°C	2 separate probes (1 ignition + detection with sense period)	15	5	YES (Fan assisted appliance)	YES (only with DBI version)	50 Hz
0577409	0°C - 60°C	3 separate probes (2 ignition + 1 detection)	3	5	YES (Fan assisted appliance)	YES (only with DBI version)	50 Hz
0577503	0°C - 60°C	One electrode for both ignition and detection	10	30	YES (Fan assisted appliance)	NO	25 Hz
0577504	0°C - 60°C	2 separate probes (1 ignition + detection)	'5	30	YES (Fan assisted appliance)	NO	25 Hz
0577601	0°C - 60°C	3 separate probes (2 ignition + 1 detection)	1.5	10	YES (Fan assisted appliance)	YES (Optocoupler interface for ECS)	25 Hz
0577602	0°C - 60°C	3 separate probes (2 ignition + 1 detection)	10	'5	YES FAN - NO APS	YES (Optocoupler interface for ECS)	50 Hz
0577603	0°C - 60°C	3 separate probes (2 ignition + 1 detection)	1.5	10	YES FAN - NO APS	YES (Optocoupler interface for ECS)	50 Hz
0577604	0°C - 60°C	3 separate probes (2 ignition + 1 detection)	1.5	10	YES FAN - NO APS	YES (Optocoupler interface for ECS)	50 Hz
0577701	0°C - 60°C	3 separate probes (2 ignition + 1 detection)	3	10	YES (Fan assisted appliance)	NO	12 Hz
0577702	0°C - 60°C	3 separate probes (2 ignition + 1 detection)	Without waiting or purge time	10	NO (Atmospheric burners appliance)	NO	12 Hz
0577703	0°C - 60°C	One for Detection (external ignitor)	3	10	YES (Fan assisted appliance)	NO	External ignitor
0577704	0°C - 60°C	One for Detection (external ignitor)	Without waiting or purge time	10	NO (Atmospheric burners appliance)	NO	External ignitor
0577705	0°C - 60°C	3 separate probes (2 ignition + 1 detection)	Without waiting or purge time	10	NO (Atmospheric burners appliance)	NO	External ignitor
0577706	0°C - 60°C	3 separate probes (2 ignition + 1 detection)	Without waiting or purge time	10	NO (Atmospheric burners appliance)	NO	External ignitor

LOCKOUT	RESET & LOCKOUT SIGNAL	BURNER IGNITION MODE	PROTECTION DEGREE	OVERTEMPERATURE SAFETY THERMOSTAT	POLARITY	INTERPURGE [s]	START ATTEMPTS
Not volatile	External only	DBI (operate EV1 and EV2 simultaneously)	IP 40	NO	NO Polarity dependency	15 sec	3
Not volatile	External only	DBI (operate EV1 and EV2 simultaneously)	IP 40	YES (Normally closed switch in series with the gas valve)	Polarity dependency	10 sec	3
Not volatile	External only	DBI (operate EV1 and EV2 simultaneously)	IP 44	YES (Normally closed switch in series with the gas valve)	Polarity dependency	15 sec	3
Not volatile	External only	DBI (operate EV1 and EV2 simultaneously)	IP 40	NO	NO Polarity dependency	10 sec	3
Not volatile	External only	DBI (operate EV1 and EV2 simultaneously)	IP 40	NO	NO Polarity dependency	10 sec	3
Not volatile	External only	DBI (operate EV1 and EV2 simultaneously)	IP 40	NO	NO Polarity dependency	10 sec	2
Not volatile	External only	DBI (operate EV1 and EV2 simultaneously)	IP 40	NO	NO Polarity dependency	15 sec	2
Volatile	External only	DBI (operate EV1 and EV2 simultaneously)	IP 40	NO	NO Polarity dependency	10 sec	3
Not volatile	External only	Intermittent pilot (operate EV1 and EV2 separately)	IP 44	YES (Normally closed switch in series with the gas valve)	NO Polarity dependency	10 sec	5
Not volatile	External only	Intermittent pilot (operate EV1 and EV2 separately)	IP 44	NO	NO Polarity dependency	NO interpurge (single start attempt)	1
Not volatile	External only	DBI (operate EV1 and EV2 simultaneously)	IP 40	NO	Polarity dependency	NO interpurge (single start attempt)	1
Not volatile	External only	DBI (operate EV1 and EV2 simultaneously)	IP 40	YES (Normally closed switch in series with the gas valve)	Polarity dependency	10 sec	3
Not volatile	External only	DBI (operate EV1 and EV2 simultaneously)	IP 44	YES (Normally closed switch in series with the gas valve)	Polarity dependency	10 sec	3
Not volatile	External only	DBI (operate EV1 and EV2 simultaneously)	IP 44	YES (Normally closed switch in series with the gas valve)	Polarity dependency	10 sec	3
Not volatile	Serial comunication	DBI (operate EV1 and EV2 simultaneously)	IP 40	YES (Normally closed switch in series with the gas valve)	Polarity dependency	NO interpurge (single start attempt)	1
Not volatile	Serial comunication	DBI (operate EV1 and EV2 simultaneously)	IP 40	YES (Normally closed switch in series with the gas valve)	Polarity dependency	NO interpurge (single start attempt)	1
	Serial comunication	DBI (operate EV1 and EV2 simultaneously)	IP 40	YES (Normally closed switch in series with the gas valve)	Polarity dependency	NO interpurge (single start attempt)	1
	Serial comunication	DBI (operate EV1 and EV2 simultaneously)	IP 40	YES (Normally closed switch in series with the gas valve)	Polarity dependency	NO interpurge (single start attempt)	1
Not volatile	Serial comunication	DBI (operate EV1 and EV2 simultaneously)	IP 40	YES (Normally closed switch in series with the gas valve)	Polarity dependency	NO interpurge (single start attempt)	1
Not volatile	Serial comunication	DBI (operate EV1 and EV2 simultaneously)	IP 40	YES (Normally closed switch in series with the gas valve)	Polarity dependency	NO interpurge (single start attempt)	1

579 DBC

MAIN FEATURES

The 579 Digital Burner Control is a family of electronic devices with integrated functions for the safety and the control of combustion in home gas appliances and has the same functions of 537 ABC family, with which it is interchangeable.
The 579 DBC is dedicated in particular to boilers, water heaters and hot air generators with both natural draught and fan assisted burners.
The 579 DBC family of products has been specifically designed for fixing on SIT 840, 845 and 848 SIGMA multifunctional controls by means of an exclusive plastic box which integrates itself with the valve body and simplifies the connection of the solenoid valves.



CODES

Codes	Working temperature	PROBES	WAITING or PURGE TIME [s]	SAFETY TIME	FAN and APS	FLAME RELAY	SPARK FREQUENCY	LOCKOUT
0579011	-10°C - 60°C	2 separate probes (1 ignition + detection)	0	30	NO (Atmospheric burners appliance)	NO	25 Hz	Volatile
0579012	-10°C - 60°C	2 separate probes (1 ignition + detection with sense period)	1,5	30	NO (Atmospheric burners appliance)	NO	25 Hz	Volatile
0579013	-10°C - 60°C	2 separate probes (1 ignition + detection with sense period)	0	10	NO (Atmospheric burners appliance)	NO	25 Hz	Volatile
0579104	-10°C - 60°C	2 separate probes (1 ignition + detection)	0	5	NO (Atmospheric burners appliance)	YES (only with DBI version)	25 Hz	Volatile
0579105	-10°C - 60°C	2 separate probes (1 ignition + detection with sense period)	1,5	5	NO (Atmospheric burners appliance)	YES (only with DBI version)	50 Hz	Volatile
0579201	-10°C - 60°C	One electrode for both ignition and detection	5	30	NO (Atmospheric burners appliance)	NO	25 Hz	Not volatile
0579205	-10°C - 60°C	One electrode for both ignition and detection	0	10	NO (Atmospheric burners appliance)	YES	25	Volatile
0579311	-10°C - 60°C	3 separate probes (2 ignition + 1 detection)	1,5	10	YES (Fan assisted appliance)	NO	6 Hz	Not volatile
0579312	-10°C - 60°C	One electrode for both ignition and detection	10	5	YES (Fan assisted appliance)	NO	25 Hz	Not volatile

RESET & LOCKOUT SIGNAL	BURNER IGNITION MODE	PROTECTION DEGREE	OVERTEMPERATURE SAFETY THERMOSTAT	POLARITY	INTERPURGE [s]	START ATTEMPTS	Request separated from Power Line	POSTPURGE [s]
External only	DBI (operate EV1 and EV2 simultaneously)	IP 44	NO	NO Polarity dependency	15 sec	3	NO	
External only	DBI (operate EV1 and EV2 simultaneously)	IP 44	NO	Polarity dependency	NO interpurge (single start attempt)	1	NO	
External only	DBI (operate EV1 and EV2 simultaneously)	IP 44	NO	NO Polarity dependency	15 sec	3	NO	
External only	DBI (operate EV1 and EV2 simultaneously)	IP 44	NO	NO Polarity dependency	NO interpurge (single start attempt)	1	NO	
External only	DBI (operate EV1 and EV2 simultaneously)	IP 40	NO	Polarity dependency	15 sec	3	NO	
On board	Intermittent pilot (operate EV1 and EV2 separately)	IP 44	YES (Normally closed switch in series with the gas valve)	Polarity dependency	10 sec	5	NO	
External only	Intermittent pilot (operate EV1 and EV2 separately)	IP 40	NO	NO Polarity dependency	0	6	YES (TM drive EV2)	
External only	DBI (operate EV1 and EV2 simultaneously)	IP 44	YES (Normally closed switch in series with the gas valve)	Polarity dependency	15 sec	3	NO	
External only	DBI (operate EV1 and EV2 simultaneously)	IP 40	YES (Normally closed switch in series with the gas valve)	Polarity dependency	10 sec	5	NO	

Codes	Working temperature	PROBES	WAITING or PURGE TIME [s]	SAFETY TIME	FAN and APS	FLAME RELAY	SPARK FREQUENCY	LOCKOUT
0579313	-10°C - 60°C	3 separate probes (2 ignition + 1 detection)	1,5	6	YES (Fan assisted appliance)	NO	50 Hz	Volatile
0579314	-10°C - 60°C	3 separate probes (2 ignition + 1 detection with sense period)	1,5	10	YES (Fan assisted appliance)	NO	25 Hz	Not volatile
0579400	-10°C - 60°C	3 separate probes (2 ignition + 1 detection)	45	5	YES (Fan assisted appliance)	YES (only with DBI version)	25 Hz	Volatile
0579403	-10°C - 60°C	3 separate probes (2 ignition + 1 detection)	30	5	YES (Fan assisted appliance)	YES (only with DBI version)	25 Hz	Volatile
0579405	-10°C - 60°C	2 separate probes (1 ignition + 1 detection)	30	5	YES (Fan assisted appliance)	YES (only with DBI version)	25 Hz	Not volatile
0579407	-10°C - 60°C	2 separate probes (1 ignition + detection)	10	10	YES (Fan assisted appliance)	YES (only with DBI version)	50 Hz	Not volatile
0579409	-10°C - 60°C	3 separate probes (2 ignition + 1 detection)	3	5	YES (Fan assisted appliance)	YES (only with DBI version)	50 Hz	Volatile
0579412	-10°C - 60°C	2 separate probes (1 ignition + detection)	10	5	YES (Fan assisted appliance)	YES (only with DBI version)	50 Hz	Volatile
0579413	-10°C - 60°C	2 separate probes (1 ignition + detection with sense period)	30	5	YES (Fan assisted appliance)	YES (only with DBI version)	50 Hz	Volatile
0579414	-10°C - 60°C	3 separate probes (2 ignition + 1 detection with sense period)	1,5	6	YES (Fan assisted appliance)	YES (only with DBI version)	50 Hz	Not volatile
0579415	-10°C - 60°C	2 separate probes (1 ignition + detection with sense period)	30	5	YES (Fan assisted appliance)	YES (only with DBI version)	25 Hz	Volatile
0579416	-10°C - 60°C	2 separate probes (1 ignition + detection with sense period)	30	5	YES (Fan assisted appliance)	YES (only with DBI version)	25 Hz	Not volatile
0579417	-10°C - 60°C	2 separate probes (1 ignition + detection with sense period)	30	5	YES (Fan assisted appliance)	YES (only with DBI version)	25 Hz	Volatile
0579418	-10°C - 60°C	3 separate probes (2 ignition + 1 detection)	1,5	5	YES (Fan assisted appliance)	YES (only with DBI version)	50 Hz	Not volatile

RESET & LOCKOUT SIGNAL	BURNER IGNITION MODE	PROTECTION DEGREE	OVERTEMPERATURE SAFETY THERMOSTAT	POLARITY	INTERPURGE [s]	START ATTEMPTS	Request separated from Power Line	POSTPURGE [s]
External only	DBI (operate EV1 and EV2 simultaneously)	IP 40	NO	NO Polarity dependency	15 sec	3	NO	
External only	DBI (operate EV1 and EV2 simultaneously)	IP 40	YES (Normally closed switch in series with the gas valve)	Polarity dependency	10 sec	3	NO	
External only	DBI (operate EV1 and EV2 simultaneously)	IP 44	NO	Polarity dependency	NO interpurge (single start attempt)	1	NO	
External only	DBI (operate EV1 and EV2 simultaneously)	IP 44	NO	Polarity dependency	NO interpurge (single start attempt)	1	NO	
External only	DBI (operate EV1 and EV2 simultaneously)	IP 40	NO	NO Polarity dependency	10 sec	3	NO	
External only	DBI (operate EV1 and EV2 simultaneously)	IP44	NO	NO Polarity dependency	10 sec	3	NO	
External only	DBI (operate EV1 and EV2 simultaneously)	IP40	NO	NO Polarity dependency	10 sec	3	NO	
External only	DBI (operate EV1 and EV2 simultaneously)	IP 44	NO	NO Polarity dependency	10 sec	3	YES	3
External only	DBI (operate EV1 and EV2 simultaneously)	IP 40	NO	Polarity dependency	15 sec	3	NO	
External only	DBI (operate EV1 and EV2 simultaneously)	IP 44	NO	Polarity dependency	10 sec	3	NO	
External only	DBI (operate EV1 and EV2 simultaneously)	IP 44	NO	Polarity dependency	0 sec	3	NO	
External only	DBI (operate EV1 and EV2 simultaneously)	IP 40	NO	Polarity dependency	30 sec	4	NO	
External only	DBI (operate EV1 and EV2 simultaneously)	IP 44	NO	Polarity dependency	30 sec	3	NO	
External only	DBI (operate EV1 and EV2 simultaneously)	IP 44	NO	Polarity dependency	10 sec	3	NO	

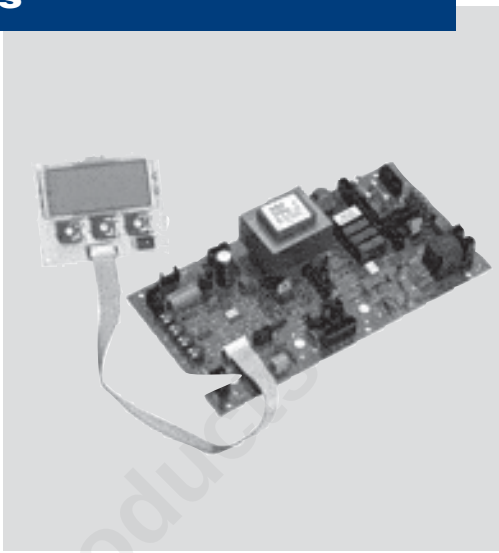
Codes	Working temperature	PROBES	WAITING or PURGE TIME [s]	SAFETY TIME	FAN and APS	FLAME RELAY	SPARK FREQUENCY	LOCKOUT
0579503	-10°C - 60°C	One electrode for both ignition and detection	30	30	YES (Fan assisted appliance)	NO	25 Hz	Not volatile
0579506	-10°C - 60°C	3 separate probes (2 ignition + detection)	1,5	60	YES (Fan assisted appliance)	NO	25 Hz	Volatile
0579604	-10°C - 60°C	3 separate probes (2 ignition + 1 detection)	1,5	10	YES FAN, NO APS	Yes Optocoupler interface for ECS	50 Hz	Not volatile
0579801	-10°C - 60°C	1 detection	10	5	NO (Atmospheric burners appliance)	YES (only with DBI version)	External Ignitor	Not volatile

RESET & LOCKOUT SIGNAL	BURNER IGNITION MODE	PROTECTION DEGREE	OVERTEMPERATURE SAFETY THERMOSTAT	POLARITY	INTERPURGE [s]	START ATTEMPTS	Request separated from Power Line	POSTPURGE [s]
External only	Intermittent pilot (operate EV1 and EV2 separately)	IP 44	YES (Normally closed switch in series with the gas valve)	NO Polarity dependency	10 sec	5	NO	
External only	Intermittent pilot (operate EV1 and EV2 separately)	IP 44	YES (Normally closed switch in series with the gas valve)	Polarity dependency	NO interpurge (single start attempt)	1	NO	
External only	DBI (operate EV1 and EV2 simultaneously)	IP 44	YES (Normally closed switch in series with the gas valve)	Polarity dependency	10 sec	3	NO	
External only	DBI (operate EV1 and EV2 simultaneously)	IP 44	NO	Polarity dependency	10 sec	3	NO	

580 BIC

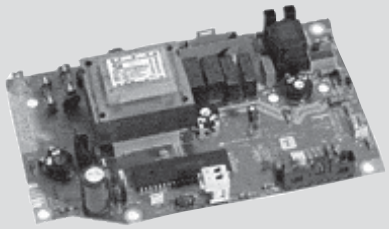
MAIN FEATURES

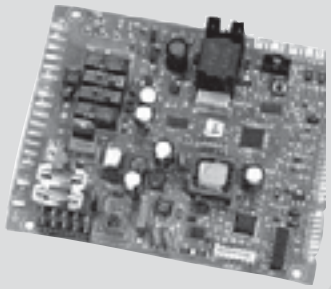
The 580 BIC is designed for mono-thermic or bi-thermic heat exchangers.
It has an on-board igniter and can be connected to either a LCD or LED display module.
For the comfort of the domestic hot water firmware for an external hot water tank program is provided.
The control also includes a modulating fan in order for the efficiency of the boiler is guaranteed to be as high a possible.
In order to verify the correct operation of the control a PC-diagnostics port is provided in the control.



CODES

Family / Code	pump modulation	outlet temperature	inlet temperture sensor	system temperature	outdoor temp	dhw temp	dhw thermostat	dhw inlet temp	dhw flow meter	dhw flow switch	water pressure sensor	water pressure switch	pump	3-way valve	dhw pump	fan control	ignition spark	ignition HSI	gascontrol	bus system
0580118	no	no	no	no	no	NTC	no	no	no	yes	no	yes	230Vac, 30W	stepper 24V	no	yes	yes	no	no	RS232 TTL
0580125	no	yes	no	no	no	NTC	yes	no	yes	yes	yes	yes	230Vac, 30W	230Vac	no	yes	yes	no	yes	RS232 TTL
0580126	no	yes	no	no	no	NTC	yes	no	yes	yes	yes	yes	230Vac, 30W	230Vac	no	yes	yes	no	yes	RS232 TTL
0580130	no	no	no	no	no	NTC	no	no	no	yes	no	yes	230Vac, 30W	230Vac	no	yes	yes	no	no	RS232 TTL
0580132	no	yes	no	no	no	no	no	no	no	yes	no	yes	230Vac, 30W	no	yes	yes	yes	no	yes	RS232 TTL
0580133	no	yes	no	no	yes	NTC	no	no	no	yes	no	yes	230Vac, 30W	230Vac	no	yes	yes	no	no	RS232 TTL
0580134	no	yes	no	no	no	NTC	no	no	yes	no	no	no	230Vac, 30W	stepper	no	yes	yes	no	no	RS232 TTL





display type	options	link to picture	connectors	dimensions	approval	mains voltage range	APS	flue sensor	price range	zone control	cascade	type of appliance	availability	ease of customization	Disclosure agreement	PC connection	PDA	Internet	ROHS compliance	technology
6 led, 2 pot 1 main switch			custom + edge		EN-298:2003	230V +10/-15%	yes	no		no	no	mono-termic boiler	yes	•	yes	yes, RS232 SIT proprietary	no	no	no	PTH, SMD
8led / LCD, 3 pot			stelvio/ lumberg		EN-298:2003	230V +10/-15%	yes	no		no	no	mono-termic boiler	yes	•	no	yes, RS232 SIT proprietary	no	no	no	PTH, SMD
8led / LCD, 3 pot			stelvio/ lumberg		EN-298:2003	230V +10/-15%	yes	no		no	no	mono-termic boiler	yes	•	no	yes, RS232 SIT proprietary	no	no	no	PTH, SMD
2 led , 3 potentiometers			stelvio/ lumberg	180•80•60 mm	EN-298:2003	230V +10/-15%	yes	no		no	no	mono / bi-termic boiler	yes	•	no	yes, RS232 SIT proprietary	no	no	no	PTH, SMD
no			stelvio/ lumberg		EN-298:2003	230V +10/-15%	yes	no		no	no	mono-termic boiler	yes	•	no	yes, RS232 SIT proprietary	no	no	no	PTH, SMD
opentherm remote control			stelvio/ lumberg		EN-298:2003	230V +10/-15%	yes	no		yes	no	mono / bi-termic boiler	May-02		no	yes, RS232 SIT proprietary	no	no	no	PTH, SMD
6 led / LCD, 2 pot, 2 switch			edge/ screw type		EN-298:2003	230V +10/-15%	yes	yes		no	no	mono-termic boiler	Jul-02		yes	yes, RS232 SIT proprietary	no	no	yes	PTH, SMD

Family / Code	pump modulation	outlet temperature	inlet temperture sensor	system temperature	outdoor temp	dhw temp	dhw thermostat	dhw inlet temp	dhw flow meter	dhw flow switch	water pressure sensor	water pressure switch	pump	3-way valve	dhw pump	fan control	ignition spark	ignition HSI	gascontrol	bus system
0580135	no	yes	no	no	no	NTC	no	no	no	yes	no	yes	230Vac, 30W	stepper/rele	no	yes	no	yes	yes	RS232 TTL opentherm opz
0580136	no	no	no	no	no	no	no	no	yes	no	no	no	230Vac, 30W	stepper	no	yes	no	yes	no	RS232 TTL ebus
0580138	no	no	yes	no	no	NTC	no	no	no	yes	no	yes	230Vac, 30W	230Vac	no	yes	yes	no	no	RS232 TTL
0580139	no	no	no	no	no	NTC	no	no	no	yes	no	yes	120Vac, 30W	120Vac	no	yes	yes	no	no	RS232 TTL
0580140	no	yes	no	no	no	NTC	no	no	yes	no	no	no	230Vac, 30W	stepper	yes	yes-2 speed	yes	no	no	RS232 TTL
0580312	no	yes	no	no	no	no	no	no	no	yes	no	no	230Vac, 30W	no	no	yes	yes	no	no	RS232 TTL unipolar
0580313																				RS232 TTL unipolar

display type	options	link to picture	connectors	dimensions	approval	mains voltage range	APS	flue sensor	price range	zone control	cascade	type of appliance	availability	ease of customization	Disclosure agreement	PC connection	PDA	Internet	ROHS compliance	technology
2 led, 3 pot			edge/ screw type		EN-298:2003	230V +10/-15%	yes	yes		no	no	mono-termic boiler	Jul-02		no	yes, RS232 SIT proprietary	no	no	yes	PTH, SMD
3 led, 2 pot , switch, main power switch			edge/ screw type		EN-298:2003	230V +10/-15%	yes	no		no	yes	mono-termic boiler	Dec-02		yes	yes, RS232 SIT ebus	no	no	yes	PTH, SMD
2 led , 3 potentiometers			stelvio/ lumberg	180•80•60 mm	EN-298:2003	230V +10/-15%	yes	no		no	no	mono / bi-termic boiler	yes	•	no	yes, RS232 SIT proprietary	no	no	no	PTH, SMD
2 led , 3 potentiometers			stelvio/ lumberg	180•80•60 mm	EN-298:2003	120V +10/-15% 60Hz	yes	no		no	no	mono / bi-termic boiler	yes	•	no	yes, RS232 SIT proprietary	no	no	no	PTH, SMD
6 led / LCD, 2 pot, 2 switch	Open therm		edge/ screw type	175•100 mm	EN-298:2003	230V +10/-15%	yes	yes		no	no	mono / bi-termic boiler	yes	•	yes	yes, RS232 SIT proprietary	no	no	yes	PTH, SMD
2 led, 2 pot			Stelvio/ screw type		EN-298:2003	230V +10/-15%	yes	no		no	no	iwh	oct-06		no	yes, RS232 SIT proprietary	no	no	no	PTH, SMD
			Stelvio/ screw type		EN-298:2003	230V +10/-15%	yes						oct-06		no	yes, RS232 SIT proprietary				PTH, SMD

543 BIC

MAIN FEATURES

543 BIC is an electronic device that integrates both the Automatic Burner Control for space heaters or small furnaces with or without combustion fan; it also performs the temperature control.
It is developed with digital microprocessor technology and can be controlled by a remote chrono-thermostat (connected via RS 232) or by a RF remote control.
It is specifically designed to be used with 853 MICRO multifunctional gas control.

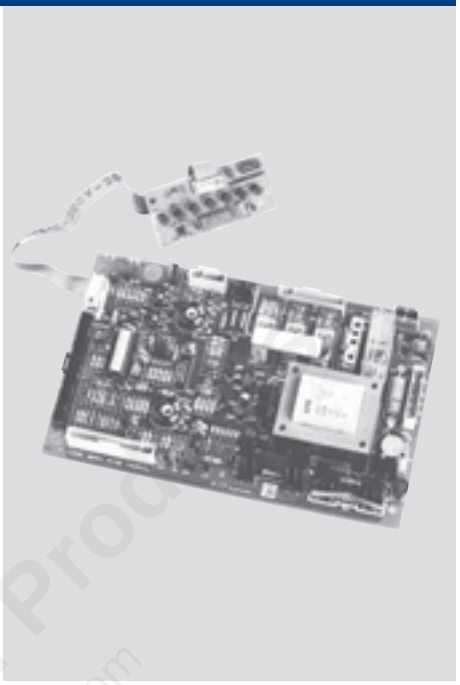
CODES

Family / Code	outlet temperature	air temp sensor	pump	3-way valve	fan control	ignition spark	gascontrol	bus system	display type	link to picture	connectors	dimensions	approval
BIC 0543001	yes	NTC	no	no	yes - 2 speed by relè	yes	uSystem valve	RS232 TTL	RS232 TTL		lumberg low voltage stocko high voltage stocko for vg		EN-298:2003
BIC 0543002	yes	NTC	no	no	no	yes	uSystem valve	RS232 TTL	RS232 TTL		lumberg low voltage stocko high voltage stocko for vg		EN-298:2003
BIC 0543003	yes	NTC	no	no	no	yes	uSystem valve	RS232 TTL	1 led + 1 switch + 1 pot		lumberg low voltage stocko high voltage stocko for vg		EN-298:2003
BIC 0543004	yes	NTC	no	no	yes - 2 speed by relè	yes	uSystem valve	RS232 TTL	1 led + 1 switch + 1 pot		lumberg low voltage stocko high voltage stocko for vg	180*80*60 mm	EN-298:2003
BIC 0543005	yes	NTC	no	no	yes - 2 speed by relè	yes	uSystem valve	RS232 TTL	1 led + 1 switch + 1 pot		lumberg low voltage stocko high voltage stocko for vg		EN-298:2003
BIC 0543006	yes	NTC	no	no	no	yes	uSystem valve	RS232 TTL	RS232 TTL		lumberg low voltage stocko high voltage stocko for vg		EN-298:2003

mains voltage range	APS	price range	type of appliance	availability	ease of customization	Disclosure agreement	PC connection	PDA	Internet	ROHS compliance	technology
230V +10/-15%	yes		space heaters	yes	*	no	no	no	no	no	PTH, SMD
230V +10/-15%	yes		space heaters	yes	*	no	no	no	no	no	PTH, SMD
230V +10/-15%	yes		space heaters	yes	*	no	no	no	no	no	PTH, SMD
230V +10/-15%	yes		space heaters	yes	*	no	no	no	no	no	PTH, SMD
230V +10/-15%	yes		space heaters	yes	*	no	no	no	no	no	PTH, SMD
230V +10/-15%	yes		space heaters	yes	*	no	no	no	no	no	PTH, SMD

550 ECS

MAIN FEATURES



SIT 550 ECS range of SIT Electronic Control System units are specifically designed to those applications which require a precise temperature control.
These units are particularly suitable for controlling the operation of domestic gas boilers that produce hot water for sanitary and central heating purposes.
The ECS units are capable of controlling the water pump, motorized three way valve and all the other electrical functions of the boiler including the gas supply valve or the Electronic Flame Devices, as applicable.
The use of a highly reliable microcontroller and different software routines allows the quick writing of the boiler's programme which is simple to test and modify.
The advanced hardware and software design of the boards assure a high immunity against electro magnetic interference.

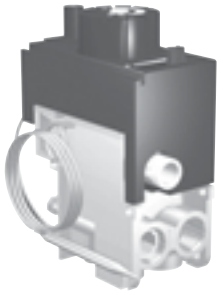
CODES

Codes	Working temperature [°C]	supply voltage	application (*)	dimensions [mm]	modulating coil supply (max)
0550001	0 - 60	230V-50Hz	A	187x118x41	16V 310 mA
0550002	0 - 60	230V-50/60Hz	B	187x118x46	16V 310 mA
0550003	0 - 60	230V-50/60Hz	B	130x60x35	/
0550004	0 -80	230V-50Hz	B	187x110x46	16V 310 mA
0550005	0 -80	230V-50Hz	B	187x110x46	16V 310 mA
0550010	0 - 60	230V-50Hz	A	/	16V 310 mA
0550011	0 - 60	230V-50/60Hz	A	/	16V 310 mA
0550012	0 - 60	230V-50Hz	B	/	16V 310 mA
0550013	0 - 60	230V-50Hz	A	/	16V 310 mA
0550014	0 - 60	230V-50/60Hz	A	/	16V 310 mA
0550017	0 - 60	230V-50/60Hz	A	/	/
0550024	0 - 60	230V-50Hz	A	190x152	16V 310 mA
0550025	0 - 60	120V-50/60Hz	B	190x152	16V 310 mA
0550026	0 - 60	230V-50/60Hz	B	187x118x50	/
0550027	0 - 60	230V-50/60Hz	B	187x118x46	17V 165 mA
0550029	0 -75	230V-50Hz	B	162x152x50	16V 310 mA
0550030	0 -75	230V-50Hz	B	/	270mA +20mA
0550032	0 - 60	230V-50Hz	B	188x118x53	28V 165 mA
0550033	0 - 60	230V-50/60Hz	B	187x118x50	17V 250mA
0550035	0 - 60	230V-50/60Hz	B	135x94x35	16V 165mA
0550111	0 - 60	230V-50/60Hz	A	187x107x50	28V 165mA

(*) A: Wall hung boiler with thermoelectric or electronic ignition
B: Wall hung boiler with electronic ignition

TECHNICAL FEATURES

Thermostatic Controls



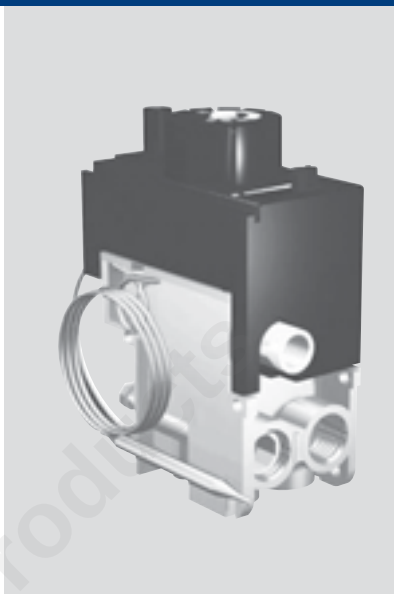
630 EUROSIT

710 MINISIT

630 EUROSIT

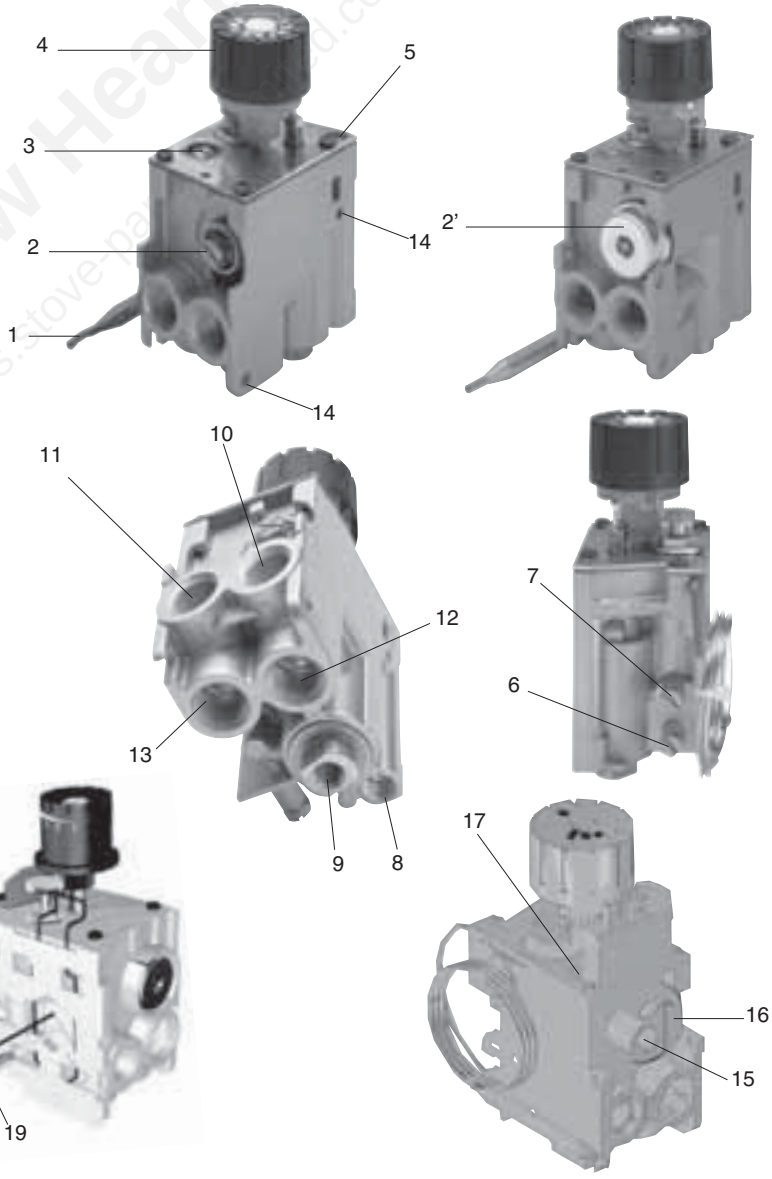
MAIN FEATURES

- Control knob with positions for off, pilot and temperature selection
- Thermoelectric flame supervision device with interlock (optional)
- Pressure regulator or alternatively flow adjuster
- Modulating and on-off thermostat
- Pilot outlet with pre-setting device of the gas flow
- Inlet and pilot filter
- Inlet and outlet pressure test point
- Side or bottom main gas inlet and outlet
- Main gas connections with threaded pipe or suitable for nut and olive



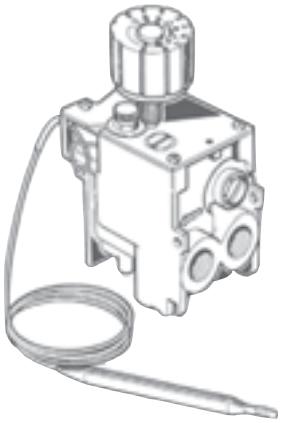
DESCRIPTION

1. Temperature sensor
2. Flow Adjustment
2' Pressure regulator adjustment
3. Minimum flow adjustment
4. Control knob
5. Pilot flow adjustment
6. Inlet pressure test point
7. Outlet pressure test point
8. Pilot outlet
9. Thermocouple connection
10. Side outlet
11. Side inlet
12. Bottom outlet
13. Bottom inlet
14. Valve mounting holes
15. Auxiliary outlet
16. Auxiliary outlet flow adjustment
17. Auxiliary outlet minimum flow adjustment
18. Thermostat flange
19. Safety thermostat (ECO)



CONFIGURATIONS

A



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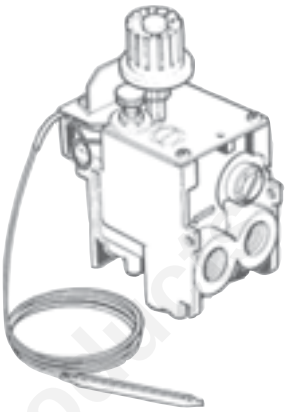

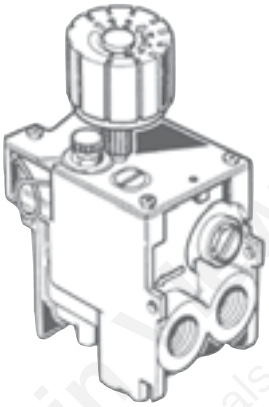

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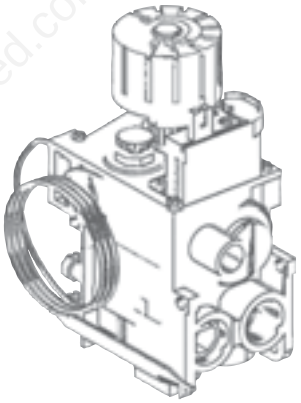


D

CODES

				TC + MU				SETTINGS			THERMOSTAT		
Codes	Valve working temperature range [°C]	RoHS Version	Valve configuration	Thermocouple connection (M)	ECO connection	Interlock	Magnet Unit [Drop out- hold in current, mA]	Maximum Flow adjuster	Pressure regulator	Minimum flow setting screw (D) [mm]	Thermostat range [°C]	Bulb dimensions (D, L) [mm]	Capillary dimensions (L) [mm]
0630001	0-80		A	M9x1	No	yes	>40 <200	FA Fitted 0945198 (80 °C)	Not Fitted	Minimum screw without hole	13÷38	8x120	1050
0630011	0-80		A	M9x1	No	yes	>40 <200	Not fitted	Not Fitted	Not fitted	13÷38	8x120	1050
0630012	0-80		A	M9x1	No	yes	>110 <340	no	no	no	40÷80	8x90	1050
0630013	0-80		A	M10x1	No	yes	>40 <200	Not fitted	Not Fitted	Not fitted	8÷33	8x120	1050
0630014	0-80		A	M9x1	No	yes	>40 <200	Not fitted	Not Fitted	Not fitted	13÷31	8x155	1050
0630015	0-80		A	M9x1	No	yes	>40 <200	FA Fitted 0945198 (80 °C)	Not Fitted	Fitted D=1,4	13÷48	8x95	1050
0630017	0-80		A	M9x1	No	yes	>40 <200	Not fitted	Not Fitted	Not fitted	6÷31	8x120	1050
0630018	0-80		A	M10x1	No	yes	>40 <200	Not fitted	Not Fitted	Not fitted	13÷31	8x155	1050
0630019	0-80		A	M9x1	No	yes	>40 <200	no	no	no	40÷80	8x90	1050
0630021	0-80		A	M10x1	No	yes	>40 <200	Not fitted	3-18 mbar	Fitted D=0,6	8÷33	8x120	1050
0630022	0-80		A	M10x1	No	yes	>40 <200	Not fitted	Not Fitted	Not fitted	8÷33	8x120	1050
0630023	0-80		A	M9x1	No	yes	>40 <200	Not fitted	3-18 mbar	Fitted D=2,0	13÷38	8x120	1050
0630024	0-80		A	M9x1	No	yes	>40 <200	Not fitted	8-37 mbar fitted	Fitted D=0,6	13÷38	8x120	1050
0630025	0-80		A	M10x1	No	yes	>40 <200	Not fitted	3-18 mbar	Not fitted	13÷38	8x120	1050
0630026	0-80		A	M10x1	No	yes	>40 <200	Not fitted	3-18 mbar	Not fitted	13÷38	8x120	1050
0630027	0-80	Yes	C	M9x1	No	yes	>40 <200	FA Fitted 0945198 (80 °C)	Not Fitted	Fitted D=1,4	manual	/	/
0630029	0-80		A	M9x1	No	yes	>40 <200	Not fitted	3-18 mbar	Not fitted	13÷38	8x120	1050
0630031	0-80		A	M10x1	No	yes	>40 <200	Not fitted	Po=3,5" Pi=7" Q=38.000 BTU/h for NG	Fitted D=1,5	13÷38	8x120	1050
0630036	0-80		A	M9x1	No	yes	>110 <340	no		no	35÷75	8x90	1050
0630037	0-80		A	M9x1	No	yes	>40 <200	Not fitted	3-18 mbar	Not fitted	13÷38	8x120	1050
0630038	0-80		A	M9x1	No	yes	>40 <200	Not fitted	Po=9,8" Pi=7" Q=25.0000 BTU/h for NG	Minimum screw without hole	13÷38	8x120	1050
0630039	0-80		A	M10x1	No	yes	>40 <200	Not fitted	3-18 mbar	Minimum screw without hole	13÷38	8x120	1050
0630041	0-80		A	M9x1	No	yes	>40 <200	Not fitted	3-18 mbar	Fitted D=1,2	13÷38	8x120	1050
0630043	0-80		A	M9x1	No	yes	>40 <200	Not fitted	3-18 mbar	Fitted D=2,0	13÷38	8x120	1050
0630045	0-80		A	M9x1	No	yes	>40 <200	Not fitted	8-37 mbar fitted	Not fitted	13÷38	8x120	1050

PILOT			INLET					OUTLET						COVER	
Pilot connection	Pilot rate screw	Pilot Stop Knob	PTP	side thread	side plug	bottom thread	bottom plug	side thread	side plug	bottom thread	bottom plug	Plug on the box	outlet screen	Cover Piezo	zundsperre 7100326
NO (M10x1)	Fitted - undrilled	no	Standard screws	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	2	No	No cover	no
NO (M10x1)	Fitted - undrilled	no	Standard screws	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	2	No	No cover	no
NO (M10x1)		no	standard	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	2			no
NO (M10x1)	Fitted - undrilled	no	Standard screws	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	2	No	No cover	no
NO (M10x1)	Fitted - undrilled	no	Standard screws	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	2	No	No cover	no
M10x1, Ø4mm, 16mm long	Fitted - undrilled	no	Standard screws	3/8 Rp	no	3/8 Rp	fitted	3/8 Rp	fitted	3/8 Rp	no		No	Sand cover + Piezo	no
NO (M10x1)	Fitted - undrilled	no	Standard screws	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	2	No	No cover	no
NO (M10x1)	Fitted - undrilled	no	Standard screws	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	2	No	No cover	no
NO (M10x1)		no	standard	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	2			no
M10x1, Ø4mm, 16mm long	Fitted - undrilled	no	Standard screws	3/8 Rp	no	3/8 Rp	fitted	3/8 Rp	fitted	3/8 Rp	no		No	No cover	no
M10x1, Ø4mm, 16mm long	Fitted - undrilled	no	Standard screws	3/8 Rp	fitted	3/8 Rp	no	3/8 Rp	no	3/8 Rp	fitted		No	No cover	no
M10x1, Ø6mm, 16mm long	Fitted - undrilled	no	Standard screws	3/8 Rp	no	3/8 Rp	fitted	3/8 Rp	fitted	3/8 Rp	no		No	No cover	no
NO (M10x1)	Fitted - undrilled	no	Standard screws	3/8 Rp	no	3/8 Rp	no	3/8 Rp	fitted	3/8 Rp	no		No	No cover	no
NO (M10x1)	Fitted - undrilled	no	Standard screws	3/8 Rp	no	3/8 Rp	fitted	3/8 Rp	fitted	3/8 Rp	no		No	No cover	no
NO (M10x1)	Fitted - undrilled	no	Standard screws	3/8 Rp	fitted	3/8 Rp	no	3/8 Rp	fitted	3/8 Rp	no		No	No cover	no
NO (M10x1)	Fitted - undrilled	no	Standard screws	3/8 Rp	no	3/8 Rp	fitted	3/8 Rp	fitted	3/8 Rp	no		No	Sand cover + Piezo	no
NO (M10x1)	Fitted - undrilled	no	Standard screws	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	2	No	No cover	no
M10x1, Ø4mm, 16mm long	Fitted - undrilled	no	Standard screws	3/8 Rp	fitted	3/8 Rp	no	3/8 Rp	no	3/8 Rp	fitted		No	Sand cover + Piezo	no
NO (M10x1)		no	standard	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	2			no
NO (M10x1)	Fitted - undrilled	no	Standard screws	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no		No	No cover	no
M10x1, Ø1/4, 16 mm long	Fitted - undrilled	no	Standard screws	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	2	No	No cover	no
NO (M10x1)	Fitted - undrilled	no	Standard screws	3/8 Rp	fitted	3/8 Rp	no	3/8 Rp	no	3/8 Rp	fitted		No	No cover	no
M10x1, Ø6mm, 16mm long	Fitted - undrilled	no	Standard screws	3/8 Rp	no	3/8 Rp	fitted	3/8 Rp	fitted	3/8 Rp	no		No	No cover	no
NO (M10x1)	Fitted - undrilled	no	Standard screws	3/8 Rp	no	3/8 Rp	fitted	3/8 Rp	fitted	3/8 Rp	no		No	No cover	no
NO (M10x1)	Fitted - undrilled	no	Standard screws	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no		No	No cover	no

			TC + MU				SETTINGS			THERMOSTAT		
Codes	Valve working temperature range [°C]	RoHS Version	Valve configuration	Thermocouple connection (M)	ECO connection	Interlock	Magnet Unit [Drop out- hold in current, mA]	Maximum Flow adjuster	Pressure regulator	Minimum flow setting screw (D) [mm]	Thermostat range [°C]	Bulb dimensions (D, L) [mm]	Capillary dimensions (L) [mm]
0630046	0-80		A	M9x1	No	yes	>40 <200	FA Fitted 0945198 (80 °C)	Not Fitted	Minimum screw without hole	13÷38	8x120	1050
0630047	0-80		A	M10x1	No	yes	>40 <200	Not fitted	Not Fitted	Not fitted	13÷38	8x120	1050
0630052	0-80		C	M9x1	No	no	>40 <200	FA Fitted 0945198 (80 °C)	Not Fitted	Fitted D=1,4	manual	/	/
0630054	0-80		A	M9x1	No	no	>40 <200	Not fitted	Not Fitted	Not fitted	13÷38	8x120	1050
0630057	0-80		A	M9x1	No	yes	>40 <200	FA Fitted 0945198 (80 °C)	Not Fitted	Fitted D=1,70	manual	/	/
0630058	0-80		A	M9x1	No	yes	>40 <200	FA Fitted 0945198 (80 °C)	Not Fitted	Fitted D=1,4	manual	/	/
0630061	0-80		A	M10x1	No	yes	>40 <200	Not fitted	3-18 mbar	Fitted D=1,4	13÷38	8x120	1050
0630063	0-80		A	M9x1	No	yes	>40 <200	Standard Pressure regulator 3-18 mbar		Minimum screw without hole	40÷90	8x95	1000
0630064	0-80		A	M10x1	No	yes	>40 <200	Not fitted	3-18 mbar	Not fitted	8÷33	8x120	1050
0630065	0-80		A	M10x1	No	yes	>40 <200	Not fitted	3-18 mbar	Not fitted	8÷33	8x120	1050
0630066	0-80		A	M10x1	No	yes	>40 <200	Not fitted	3-18 mbar	Not fitted	8÷33	8x120	1050
0630068	0-80		A	M9x1	No	yes	>40 <200	Standard Pressure regulator 3-18 mbar		Fitted without calibrated hole (0945600)	40÷90	8x95	1000
0630093	0-80		A	M9x1	No	yes	>40 <200	Not fitted	3-18 mbar	Fitted without calibrated hole (0945600)	13÷38	8x120	1050
0630094	0-80		A	M8x1	No	yes	>80 <200	Not fitted	Not Fitted	Not fitted	13÷38	8x120	1050
0630095	0-80		A	11/32" ASA	92°C calibration	yes	>40 <200	Not fitted	10"(Pi=12" Q=39.000BTU/h) for LPG	Minimum screw without hole	40÷72	8x90	1050
0630096	0-80		A	M9x1	No	yes	>40 <200	Not fitted	3-18 mbar	Fitted without calibrated hole (0945600)	40÷80	8x90	1050
0630100	0-80		A	M9x1	No	yes	>40 <200	Not fitted	no	Not fitted	40÷72	8x90	1050
0630101	0-80		A	11/32" ASA	Yes	yes	>40 <200	Not fitted		Minimum screw without hole	40÷72	8x90	1050
0630102	0-80		A	M10x1	Yes	yes	>40 <200		P.R. standard version 3-18mbar	Minimum screw without hole	40÷72	8x90	1050
0630103	0-80		A	M10x1	Yes	yes	>40 <200	Fitted screw (0945261 Drilled 2x2,8)		Minimum screw without hole	40÷72	8x90	1050
0630104	0-80		A	M9x1	No	yes	>40 <200	Not fitted	no	Minimum screw without hole	40÷72	8x90	1050

PILOT			INLET					OUTLET						COVER	
Pilot connection	Pilot rate screw	Pilot Stop Knob	PTP	side thread	side plug	bottom thread	bottom plug	side thread	side plug	bottom thread	bottom plug	Plug on the box	outlet screen	Cover Piezo	zundsperre 7100326
M10x1, Ø1/4, 16 mm long	Fitted - undrilled	no	Standard screws	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	2	No	No cover	no
NO (M10x1)	Fitted - undrilled	no	Standard screws	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	2	No	No cover	no
NO (M10x1)	Fitted - undrilled	yes	Standard screws	3/8 Rp	fitted	3/8 Rp	no	3/8 Rp	no	3/8 Rp	fitted		No	Black cover+piezo	yes
NO (M10x1)	Fitted - undrilled	yes	Standard screws	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	2	No	Black cover with white index+piezo+fixing screw 36mm	yes
NO (M10x1)	Fitted - undrilled	no	Standard screws	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	2	No	Sand cover + Piezo	no
NO (M10x1)	Fitted - undrilled	no	Standard screws	3/8 Rp	no	3/8 Rp	fitted	3/8 Rp	fitted	3/8 Rp	no		No	Black cover+piezo	no
M10x1, Ø4mm, 16mm long	Fitted - undrilled	yes	Standard screws	3/8 Rp	no	3/8 Rp	fitted	3/8 Rp	no	3/8 Rp	fitted		No	Black cover with white index+piezo+fixing screw 33mm	no
NO (M10x1)	Fitted - undrilled	no	standard	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	2		No cover	no
NO (M10x1)	Fitted - undrilled	no	Standard screws	3/8 Rp	no	3/8 Rp	fitted	3/8 Rp	fitted	3/8 Rp	no		No	No cover	no
NO (M10x1)	Fitted - undrilled	no	Standard screws	3/8 Rp	fitted	3/8 Rp	no	3/8 Rp	no	3/8 Rp	fitted		No	No cover	no
M10x1, Ø6mm, 16mm long	Fitted - undrilled	no	Standard screws	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	2	No	No cover	no
NO (M10x1)		no	standard	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	2		Black cover+piezo	no
M10x1, Ø6mm, 16mm long	Fitted - undrilled	no	Standard screws	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	2	No	Sand cover+piezo	no
NO (M10x1)	Fitted - undrilled	no	Standard screws	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	2	No	No cover	no
M10x1, Ø1/4, 16 mm long	Without hole for pilot screw	no	Standard screws	3/8 Rp	no	3/8 Rp	fitted	3/8 Rp	fitted	3/8 Rp	no				no
NO (M10x1)		no	standard	3/8 Rp	no	3/8 Rp	fitted	3/8 Rp	fitted	3/8 Rp	no				no
NO (M10x1)	Fitted - undrilled	no	Standard screws	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	2			no
NO (M10x1)	Without hole for pilot screw	no	Standard screws	3/8 Rp	no	3/8 Rp	fitted	3/8 Rp	fitted	3/8 Rp	no				no
NO (M10x1)	Without hole for pilot screw	no	Standard screws	3/8 Rp	no	3/8 Rp	fitted	3/8 Rp	fitted	3/8 Rp	no				no
NO (M10x1)	Without hole for pilot screw	no	Standard screws	3/8 Rp	no	3/8 Rp	fitted	3/8 Rp	fitted	3/8 Rp	no				no
NO (M10x1)	Fitted - undrilled	no	Standard screws	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	2			no

				TC + MU				SETTINGS			THERMOSTAT		
Codes	Valve working temperature range [°C]	RoHS Version	Valve configuration	Thermocouple connection (M)	ECO connection	Interlock	Magnet Unit [Drop out- hold in current, mA]	Maximum Flow adjuster	Pressure regulator	Minimum flow setting screw (D) [mm]	Thermostat range [°C]	Bulb dimensions (D, L) [mm]	Capillary dimensions (L) [mm]
0630106	0-80		A	M10x1	Yes	yes	>40 <200	Not fitted	3-18 mbar	Minimum screw without hole	40÷72	8x90	1050
0630151	0-80		A	11/32" ASA	Fitted 82°C calibration	yes	>40 <200		Integral P.R. NG Po10 Pi12 Q800l/h Black sticker	Minimum screw without hole	27÷65	8x72	240
0630152	0-80		A	11/32" ASA	Fitted 82°C calibration	yes	>40 <200		Integral P.R. NG Po=4,5mbar Pi=8 Q1,24 d0,6 Bleu	Minimum screw without hole	27÷65	8x72	240
0630153	0-80		A	11/32" ASA	Fitted 82°C calibration	yes	>40 <200		no	Minimum screw without hole	27÷65	8x72	240
0630201	0-80		B	M9x1	No	yes	>40 <200	FA Fitted 0945198 (80 °C)	no	Fitted without calibrated hole (0945600)	100÷340	5x68	1500
0630203	0-80		A	M9x1	No	yes	>40 <200	FA Fitted 0945198 (80 °C)		Not fitted	140÷380	5x68	1500
0630204	0-80		A	M9x1	No	yes	>40 <200	Not fitted		Not fitted	30÷100	5x122	1050
0630205	0-80		B	M9x1	No	yes	>40 <200	FA Fitted 0945198 (80 °C)	no	Not fitted	140÷340	4x72	1050
0630206	0-80		A	M10x1	No	yes	>40 <200	FA Fitted 0945198 (80 °C)		Not fitted	100÷340	4x72	1050
0630305	0-120	Yes	B	M9x1	No	no	>40 <200	Plug alum. fitted 0972068 (120°C)	no	Fitted without calibrated hole (0945628) 120°C version	80÷320	4x72	1050
0630306	0-120		B	M9x1	No	no	>40 <200	Plug alum. fitted 0972068 (120°C)		Plug fitted 2145636 (120°C version)	90÷330	4x72	1050
0630307	0-120		B	M9x1	No	no	>40 <200	Plug alum. fitted 0972068 (120°C)	no	Fitted with calibrated hole (0945638) 120°C version	100÷340	4x72	1050
0630308	0-120		B	M9x1	No	no	>40 <200	Plug alum. fitted 0972068 (120°C)		Plug fitted 2145639 (120°C version)	80÷320	4x72	650
0630310	0-120		B	M9x1	No	no	>40 <200	FA Fitted 0945222 (120°C)	no	Fitted without calibrated hole (0945628) 120°C version	100÷340	4x72	1050
0630313	0-120		B	M9x1	No	no		FA Fitted 0945222 (120°C)	no	fitted	110÷190	4x202	1050
0630317	0-120		B	M9x1	No	no	>40 <200	FA Fitted 0945222 (120°C)	no	Fitted without calibrated hole (0945628) 120°C version	100÷340	4x72	1050
0630319	0-120		B	M9x1	No	no	>40 <200	Not fitted	no	Not fitted	manual	/	/
0630325	0-80	Yes	B	M9x1	No	no	>40 <200	FA Fitted 0945198 (80 °C)	no	fitted without calibration hole	30÷100	5x122	1050
0630326	0-120	Yes	B	M9x1	No	no	>40 <200	FA Fitted 0945222 (120°C)	no	Fitted without calibrated hole (0945628) 120°C version	100÷340	4x72	1050
0630327	0-120	Yes	B	M9x1	No	no	>40 <200	FA Fitted 0945222 (120°C)	no	Fitted without calibrated hole (0945628) 120°C version	80÷320	4x72	1050

PILOT			INLET					OUTLET						COVER	
Pilot connection	Pilot rate screw	Pilot Stop Knob	PTP	side thread	side plug	bottom thread	bottom plug	side thread	side plug	bottom thread	bottom plug	Plug on the box	outlet screen	Cover Piezo	zundsperre 7100326
NO (M10x1)	Fitted - undrilled	no	Standard screws	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	2			no
M10x1, Ø1/4, 16 mm long	Fitted - undrilled	no	Standard screws	3/8 18npt	no	3/8 18npt	no	3/8 18npt	yes	3/8 18npt	no				no
M10x1, Ø1/4, 16 mm long	Fitted - undrilled	yes	Standard screws	3/8 18npt	no	3/8 18npt	no	3/8 18npt	yes	3/8 18npt	no				no
M10x1, Ø1/4, 16 mm long	Fitted - undrilled	yes	Standard screws	3/8 18npt	no	3/8 18npt	no	3/8 18npt	yes	3/8 18npt	no				no
NO (M10x1)		no	Standard screws	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	2			no
NO (M10x1)		no	Standard screws	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	2			no
NO (M10x1)	Fitted - undrilled	no	standard	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	2			no
NO (M10x1)		no	Standard screws	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	2			no
NO (M10x1)		no	Standard screws	3/8 Rp	no	3/8 Rp	fitted	3/8 Rp	no	3/8 Rp	fitted				no
M10x1, Ø1/4, 16 mm long		no	Standard screws	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no				no
7/16 24UNS, Ø 3/16, 15 mm long	Fitted - undrilled	no	captured screw	3/8 NPT	fitted	3/8 NPT	no	3/8 NPT	fitted	3/8 NPT	no				no
M10x1, Ø1/4, 16 mm long	Fitted -16 mm long	no	Standard screws	3/8 Rp	fitted	3/8 Rp	no	3/8 Rp	no	3/8 Rp	fitted				no
7/16 24UNS, Ø 3/16, 15 mm long	Fitted - undrilled	no	captured screw	3/8 NPT	fitted	3/8 NPT	no	3/8 NPT	fitted	3/8 NPT	no				no
NO (M10x1)	Fitted - undrilled	no	Standard screws	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no				no
NO (M10x1)	Fitted - undrilled	no	standard	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no				no
M10x1, Ø1/4, 16 mm long		no	Standard screws	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	2			no
NO (M10x1)		no	Standard screws	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	2			no
NO (M10x1)	Fitted - undrilled	no	standard	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no				no
NO (M10x1)		no	Standard screws	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no				no
NO (M10x1)		no	Standard screws	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no				no

				TC + MU				SETTINGS			THERMOSTAT		
Codes	Valve working temperature range [°C]	RoHS Version	Valve configuration	Thermocouple connection (M)	ECO connection	Interlock	Magnet Unit [Drop out- hold in current, mA]	Maximum Flow adjuster	Pressure regulator	Minimum flow setting screw (D) [mm]	Thermostat range [°C]	Bulb dimensions (D, L) [mm]	Capillary dimensions (L) [mm]
0630328	0-120	Yes	B	M9x1	No	no	>40 <200	Not fitted	no	Fitted without calibrated hole (0945628) 120°C version	40÷280	4x72	1050
0630330	0-120	Yes	B	M9x1	No	no	>40 <200	Plug alum. fitted 0972068 (120°C)	no	Fitted without calibrated hole (0945628) 120°C version	60÷300	4x72	1050
0630331	0-120	Yes	B	M9x1	No	no	>40 <200	Plug alum. fitted 0972068 (120°C)	no	Fitted without calibrated hole (0945628) 120°C version	100÷340	4x72	1050
0630332	0-120	Yes	B	M9x1	No	no		FA Fitted 0945222 (120°C)	no	fitted	110÷190	4x202	1050
0630334	0-120		B	M9x1	No	no		Plug alum. fitted 0972068 (120°C)	no	fitted	110÷190	4x202	1050
0630335	0-120	Yes	B	M9x1	No	no	>40 <200	FA Fitted 0945222 (120°C)	no	Fitted without calibrated hole (0945628) 120°C version	40÷250	4x72	1050
0630336	0-120		B	M9x1	No	no	>40 <200	FA Fitted 0945222 (120°C)	no	Fitted without calibrated hole (0945628) 120°C version	100÷340	4x72	1050
0630337	0-120	Yes	B	M9x1	No	no	>40 <200	Plug alum. fitted 0972068 (120°C)	no	fitted	110÷190	4x202	1050
0630338	0-120		B	M9x1	No	no	>40 <200	Not fitted	no	Not fitted	manual	/	/
0630339	0-80		B	M9x1	No	no	>40 <200	FA Fitted 0945222 (120°C)	no	Fitted without calibrated hole (0945628) 120°C version	70÷310	4x72	1050
0630340	0-120		B	M9x1	No	no		FA Fitted 0945222 (120°C)			110÷190	6x102	
0630343	0-120		B	M9x1	No	no	>40 <200	Plug alum. fitted 0972068 (120°C)	no	Fitted without calibrated hole (0945628) 120°C version	100÷340	4x72	1050
0630344	0-80	Yes	B	M9x1	No	no	>40 <200	FA Fitted 0945198 (80 °C)	no	fitted without calibration hole	30÷100	5x122	1050
0630345	0-120	Yes	B	M9x1	No	no	>40 <200	FA Fitted 0945222 (120°C)	no	Fitted without calibrated hole (0945628) 120°C version	100÷340	4x72	1050
0630346	0-120	Yes	B	M9x1	No	no	>40 <200	FA Fitted 0945222 (120°C)	no	Fitted without calibrated hole (0945628) 120°C version	80÷320	4x72	1050
0630347	0-120		B	M9x1	No	no		Plug alum. fitted 0972068 (120°C)	no	fitted	110÷190	4x202	1050
0630348	0-120		B	M9x1	No	no	>40 <200	Not fitted	no	Fitted without calibrated hole (0945628) 120°C version	40÷280	4x72	1050
0630349	0-120		B	M9x1	No	no	>40 <200	Plug alum. fitted 0972068 (120°C)	no	Fitted without calibrated hole (0945628) 120°C version	100÷340	4x72	1050
0630412	0-80		B	M9x1	No	no	>40 <200	FA Fitted 0945198 (80 °C)	no	fitted without calibration hole	30÷100	5x122	1050
0630500	0-80		A	M8x1	No	yes	>40 <200	Plug allum. fitted 0972067 (80°C)	Not Fitted	Not fitted	13÷38	8x120	1050

PILOT			INLET					OUTLET						COVER	
Pilot connection	Pilot rate screw	Pilot Stop Knob	PTP	side thread	side plug	bottom thread	bottom plug	side thread	side plug	bottom thread	bottom plug	Plug on the box	outlet screen	Cover Piezo	zundsperre 7100326
NO (M10x1)		no	Standard screws	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	2			no
NO (M10x1)		no	Standard screws	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no				no
NO (M10x1)		no	Standard screws	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no				no
NO (M10x1)	Fitted - undrilled	no	standard	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no				no
NO (M10x1)	Fitted - undrilled	no	standard	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no				no
NO (M10x1)		no	Standard screws	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no				no
M10x1, Ø1/4, 16 mm long		no	Standard screws	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	2			no
NO (M10x1)	Fitted - undrilled	no	standard	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no				no
NO (M10x1)		no	Standard screws	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	2			no
NO (M10x1)		no	Standard screws	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	2			no
M10x1, Ø1/4, 16 mm long	Fitted - undrilled	no	standard	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	2			no
NO (M10x1)		no	Standard screws	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no				no
NO (M10x1)	Fitted - undrilled	no	standard	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no				no
NO (M10x1)		no	Standard screws	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no				no
NO (M10x1)		no	Standard screws	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no				no
NO (M10x1)	Fitted - undrilled	no	standard	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no				no
NO (M10x1)		no	Standard screws	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	2			no
NO (M10x1)		no	Standard screws	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no				no
NO (M10x1)	Fitted - undrilled	no	standard	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no				no
7/16 24UNS, Ø 3/16, 15 mm long	Fitted 2 holes D=1,5mm	yes	captured screw	3/8 NPT	fitted	3/8 NPT	no	3/8 NPT	fitted	3/8 NPT	no	N° 1 in the box		No cover	no

				TC + MU			SETTINGS			THERMOSTAT		
Codes	Valve working temperature range [°C]	RoHS Version	Valve configuration	Thermocouple connection (M)	ECO connection	Interlock	Magnet Unit [Drop out- hold in current, mA]	Maximum Flow adjuster	Pressure regulator	Minimum flow setting screw (D) [mm]	Thermostat range [°C]	Bulb dimensions (D, L) [mm]	Capillary dimensions (L) [mm]
0630501	0-80		A	11/32" ASA	No	no	>65 < 170	Plug allum. fitted 0972067 (80°C)	Not Fitted	Fitted D=1,6	21÷46	8x120	1050
0630502	0-80	Yes	A	M8x1	No	yes	>40 <200	Plug allum. fitted 0972067 (80°C)	Not Fitted	Plug 0972057	13÷38	8x120	1050
0630504	0-80		A	M8x1	No	yes	40 120	Plug allum. fitted 0972067 (80°C)	Not Fitted	Not fitted	13÷48	8x95	1050
0630505	0-80		A		No	yes	>65 < 170	Plug allum. fitted 0972067 (80°C)	Not Fitted	Plug 0972057	13÷38	8x120	1050
0630507	0-80		A	11/32" ASA	No	yes	>65 < 170	Plug allum. fitted 0972067 (80°C)		Not fitted	30÷100	5x122	1050
0630508	0-80		A	11/32" ASA	No	yes	160 320	Not fitted	Po=10" Pi=12" Q=35.0000 BTU/h for LPG	Not fitted	13÷48	8x95	1050
0630509	0-80		A	11/32" ASA	No	yes	>65 < 170	Not fitted	Po=10" Pi=12" Q=35.0000 BTU/h for LPG	Not fitted	13÷48	8x95	1050
0630513	0-80		A	11/32" ASA	No	yes	>65 < 170	Not fitted	Po=3,5" Pi=7" Q=38.000 BTU/h for NG	Not fitted	13÷38	8x131	1050
0630515	0-80		A	11/32" ASA	No	yes	160 320	Not fitted	Po=3,5" Pi=7" Q=27.000 BTU/h for NG	Not fitted	13÷48	8x95	1050
0630516	0-80		A	11/32" ASA	No	yes	>65 < 170	Not fitted	Po=3,5" Pi=7" Q=27.000 BTU/h for NG	Not fitted	13÷48	8x95	1050
0630519	0-80		A	11/32" ASA	No	yes	160 320	Not fitted	Po=3,5" Pi=7" Q=38.000 BTU/h for NG	Not fitted	13÷48	8x95	1050
0630520	0-80		C	11/32" ASA	No	yes	>65 < 170	Not fitted	Po=10" Pi=12" Q=35.0000 BTU/h for LPG	Not fitted	manual	/	/
0630522	0-80		C	M8x1	No	yes	>40 <200	Plug allum. fitted 0972067 (80°C)	Not Fitted	Not fitted	manual	/	/
0630525	0-80		A	M8x1	No	yes	>40 <200	Plug allum. fitted 0972067 (80°C)	Not Fitted	Plug 0972057	13÷38	8x120	1050
0630530	0-80		A	M8x1	No	yes	>80 <200	Plug allum. fitted 0972067 (80°C)	Not Fitted	Plug 0972057	13÷38	8x120	1050

PILOT			INLET					OUTLET						COVER	
Pilot connection	Pilot rate screw	Pilot Stop Knob	PTP	side thread	side plug	bottom thread	bottom plug	side thread	side plug	bottom thread	bottom plug	Plug on the box	outlet screen	Cover Piezo	zundsperre 7100326
7/16 24UNS, Ø1/4, 21 mm long	Fitted - undrilled	yes	captured screw	3/8 NPT	no	3/8 NPT	fitted	3/8 NPT	fitted	3/8 NPT	no			No cover	no
NO (7/16 24UNS)	Fitted 2 holes D=1,5mm	yes	captured screw	3/8 NPT	fitted	3/8 NPT	no	3/8 NPT	fitted	3/8 NPT	no		Screen in bottom outlet	No cover	no
NO (7/16 24UNS)	Fitted 2 holes D=1,5mm	yes	captured screw	3/8 NPT	fitted	3/8 NPT	no	3/8 NPT	no	3/8 NPT	fitted		N° 1 in the box	No cover	no
7/16 24UNS, Ø1/4, 21 mm long	Fitted 2 holes D=1,5mm	no	captured screw	3/8 NPT	fitted	3/8 NPT	no	3/8 NPT	fitted	3/8 NPT	no		No	No cover	no
7/16 24UNS, Ø1/4, 21 mm long	Fitted - drilled ø 2x1.5 mm	yes	standard	3/8 NPT	no	3/8 NPT	no	3/8 NPT	no	3/8 NPT	no	2	N° 1 in the box		no
7/16 24UNS, Ø1/4, 21 mm long	Fitted - undrilled	yes	captured screw	3/8 NPT	no	3/8 NPT	no	3/8 NPT	no	3/8 NPT	no	2	N° 1 in the box	No cover	no
7/16 24UNS, Ø1/4, 21 mm long	Fitted - undrilled	yes	captured screw	3/8 NPT	no	3/8 NPT	no	3/8 NPT	no	3/8 NPT	no	2	N° 1 in the box	No cover	no
7/16 24UNS, Ø1/4, 21 mm long	Fitted - undrilled	yes	captured screw	3/8 NPT	no	3/8 NPT	no	3/8 NPT	no	3/8 NPT	no	2	N° 1 in the box	No cover	no
7/16 24UNS, Ø1/4, 21 mm long	Fitted - undrilled	yes	captured screw	3/8 NPT	no	3/8 NPT	no	3/8 NPT	no	3/8 NPT	no	2	N° 1 in the box	No cover	no
7/16 24UNS, Ø1/4, 21 mm long	Fitted - undrilled	yes	captured screw	3/8 NPT	no	3/8 NPT	no	3/8 NPT	no	3/8 NPT	no	2	N° 1 in the box	No cover	no
7/16 24UNS, Ø1/4, 21 mm long	Fitted - undrilled	yes	captured screw	3/8 NPT	no	3/8 NPT	no	3/8 NPT	no	3/8 NPT	no	2	N° 1 in the box	No cover	no
7/16 24UNS, Ø1/4, 21 mm long	Fitted - undrilled	yes	captured screw	3/8 NPT	no	3/8 NPT	no	3/8 NPT	no	3/8 NPT	no	2	N° 1 in the box	No cover	no
7/16 24UNS, Ø 3/16, 15 mm long	Fitted 2 holes D=1,5mm	yes	captured screw	3/8 NPT	fitted	3/8 NPT	no	3/8 NPT	no	3/8 NPT	fitted		Screen in bottom outlet	No cover	no
NO (7/16 24UNS)	Fitted 2 holes D=1,5mm	yes	captured screw	3/8 NPT	fitted	3/8 NPT	no	3/8 NPT	fitted	3/8 NPT	no		Screen in bottom outlet	No cover	no
NO (7/16 24UNS)	Fitted 1 hole D=0,55mm	no	captured screw	3/8 NPT	fitted	3/8 NPT	no	3/8 NPT	fitted	3/8 NPT	no		No	No cover	no

			TC + MU				SETTINGS			THERMOSTAT		
Codes	Valve working temperature range [°C]	RoHS Version	Valve configuration	Thermocouple connection (M)	ECO connection	Interlock	Magnet Unit [Drop out- hold in current, mA]	Maximum Flow adjuster	Pressure regulator	Minimum flow setting screw (D) [mm]	Thermostat range [°C]	Bulb dimensions (D, L) [mm]	Capillary dimensions (L) [mm]
0630531	0-80		A	M8x1	No	no	>40 <200	Plug allum. fitted 0972067 (80°C)	Not Fitted	Plug 0972057	13÷38	8x120	1050
0630534	0-80		A	M9x1	No	yes	>40 <200	Not fitted	Not Fitted	Plug 0972057	13÷38	8x120	1050
0630536	0-80		A	M8x1	No	yes	>40 <200	Plug allum. fitted 0972067 (80°C)	Not Fitted	Plug 0972057	13÷38	8x120	1050
0630540	0-80		A	11/32" ASA	No	yes	>65 < 170	Not fitted	Po=10" Pi=12" Q=35.0000 BTU/h for LPG	Not fitted	13÷48	8x95	1050
0630541	0-80		A	11/32" ASA	No	yes	>65 < 170	Not fitted	Po=3,5" Pi=7" Q=27.000 BTU/h for NG	Not fitted	13÷48	8x95	1050
0630542	0-80		C		No	yes	>65 < 170	Not fitted	Po=3,5" Pi=7" Q=38.000 BTU/h for NG	Not fitted	manual	/	/
0630543	0-80		C	11/32" ASA	No	yes	>65 < 170	Not fitted	Po=10" Pi=12" Q=35.0000 BTU/h for LPG	Not fitted	manual	/	/
0630544	0-80		A	M8x1	No	no	>40 <200	Plug allum. fitted 0972067 (80°C)	Not Fitted	Not fitted	13÷48	8x95	1050
0630545	0-80		A	M8x1	No	no	>40 <200	Plug allum. fitted 0972067 (80°C)	Not Fitted	Not fitted	13÷48	8x95	1050
0630546	0-80		A	M8x1	No	no	>40 <200	Plug allum. fitted 0972067 (80°C)	Not Fitted	Not fitted	13÷48	8x95	1050
0630547	0-80		A	11/32" ASA	No	yes	>65 < 170	Plug allum. fitted 0972067 (80°C)	Not Fitted	Not fitted	13÷48	8x95	1050
0630548	0-80		A	M8x1	No	yes	>80 <200	Not fitted	Po=3,5" Pi=7" Q=38.000 BTU/h for NG	Fitted D=2x2,4	13÷48	8x95	1050
0630549	0-80		A	M8x1	No	yes	>80 <200	Not fitted	10"(Pi=12" Q=39.000BTU/h) for LPG	Fitted D=1,85	13÷48	8x95	1050

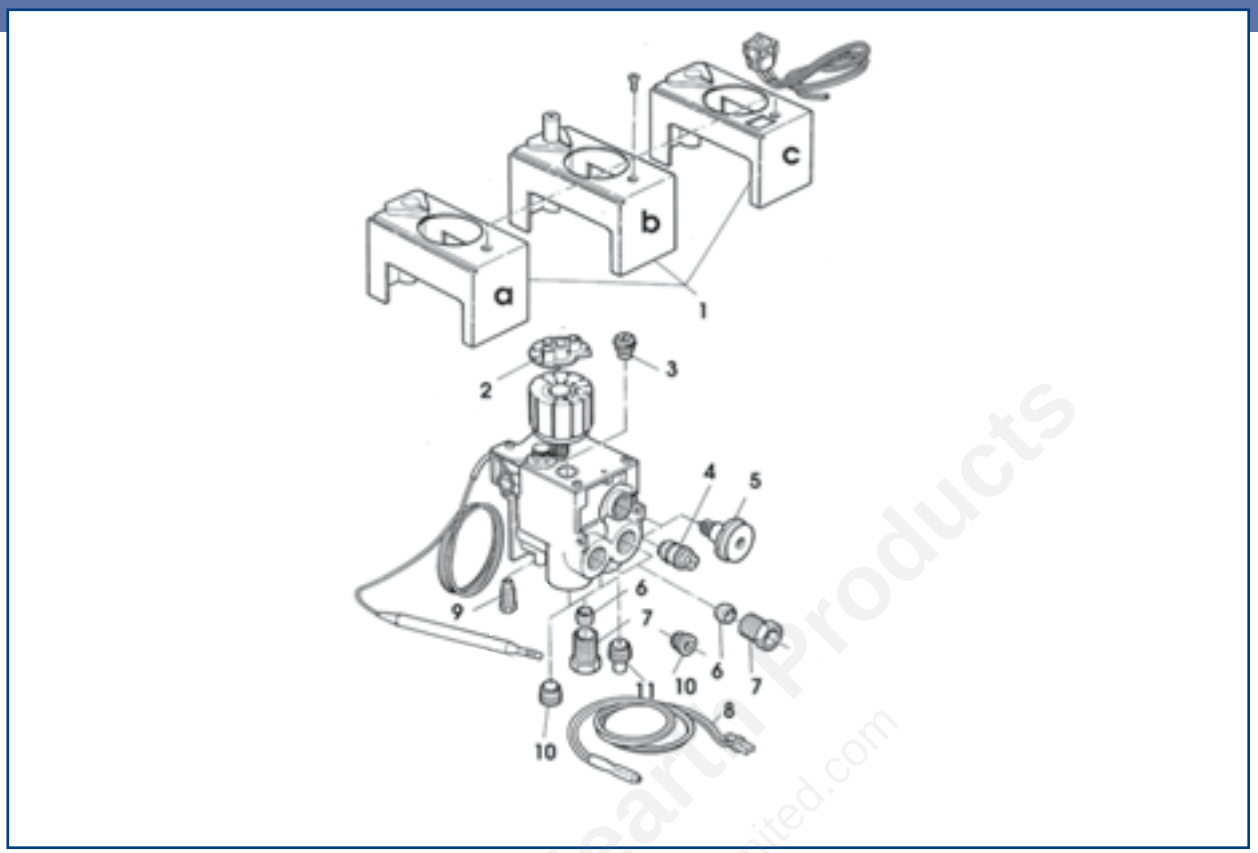
PILOT			INLET					OUTLET						COVER	
Pilot connection	Pilot rate screw	Pilot Stop Knob	PTP	side thread	side plug	bottom thread	bottom plug	side thread	side plug	bottom thread	bottom plug	Plug on the box	outlet screen	Cover Piezo	zundsperre 7100326
7/16 24UNS, Ø 3/16, 15 mm long	Fitted 2 holes D=1,5mm	yes	captured screw	3/8 NPT	fitted	3/8 NPT	no	3/8 NPT	fitted	3/8 NPT	no		Screen in bottom outlet	No cover	no
M10x1, N°1 plug per each valve in the carton	Fitted 2 holes D=1,5mm	no	captured screw	3/8 Rp	no	ASA	no	3/8 Rp	no	ASA	no	2	No	No cover	no
NO (7/16 24UNS)	Fitted 2 holes D=1,5mm	yes	captured screw	3/8 NPT	fitted	3/8 NPT	no	3/8 NPT	fitted	3/8 NPT	no		Screen in bottom outlet	No cover	no
7/16 24UNS, Ø1/4, 21 mm long	Fitted - undrilled	yes	captured screw	3/8 NPT	no	3/8 NPT	no	3/8 NPT	no	3/8 NPT	no	2	N° 1 in the box	No cover	no
7/16 24UNS, Ø1/4, 21 mm long	Fitted - undrilled	yes	captured screw	3/8 NPT	no	3/8 NPT	no	3/8 NPT	no	3/8 NPT	no	2	N° 1 in the box	No cover	no
7/16 24UNS, Ø1/4, 21 mm long	Fitted - undrilled	yes	captured screw	3/8 NPT	no	3/8 NPT	no	3/8 NPT	no	3/8 NPT	no	2	N° 1 in the box	No cover	no
7/16 24UNS, Ø1/4, 21 mm long	Fitted - undrilled	yes	captured screw	3/8 NPT	no	3/8 NPT	no	3/8 NPT	no	3/8 NPT	no	2	N° 1 in the box	No cover	no
NO (7/16 24UNS)	Without hole for pilot screw	yes	captured screw	9/16 24UNEF	no	no	no	9/16 24UNEF	no	no	no		No	No cover	no
NO (7/16 24UNS)	Fitted 2 holes D=1,5mm	yes	captured	9/16 24UNEF	fitted	9/16 24UNEF	no	3/8 18NPT	fitted	9/16 24UNEF	no		No	No cover	no
NO (7/16 24UNS)	Fitted 2 holes D=1,5mm	yes	captured screw	9/16 24UNEF	no	no	no	3/8 18NPT	fitted	9/16 24UNEF	no		No	No cover	no
7/16 24UNS, Ø1/4, 21 mm long	Fitted - undrilled	yes	captured screw	3/8 NPT	fitted	3/8 NPT	no	3/8 NPT	no	3/8 NPT	fitted		Screens in side outlet	No cover	no
7/16 24UNS, Ø 3/16, 15 mm long	Fitted 2 holes D=1,5mm	yes	captured screw	3/8 NPT	fitted	3/8 NPT	no	3/8 NPT	fitted	3/8 NPT	no		Screen in bottom outlet	No cover	no
7/16 24UNS, Ø 3/16, 15 mm long	Fitted 2 holes D=1,5mm	yes	captured screw	3/8 NPT	fitted	3/8 NPT	no	3/8 NPT	fitted	3/8 NPT	no		Screen in bottom outlet	No cover	no

			TC + MU				SETTINGS			THERMOSTAT		
Codes	Valve working temperature range [°C]	RoHS Version	Valve configuration	Thermocouple connection (M)	ECO connection	Interlock	Magnet Unit [Drop out- hold in current, mA]	Maximum Flow adjuster	Pressure regulator	Minimum flow setting screw (D) [mm]	Thermostat range [°C]	Bulb dimensions (D, L) [mm]	Capillary dimensions (L) [mm]
0630551	0-80		A	M8x1	No	no	>40 <200	Plug allum. fitted 0972067 (80°C)	Not Fitted	Not fitted	13÷48	8x95	1050
0630555	0-80		A	M8x1	No	yes	40 120	Plug allum. fitted 0972067 (80°C)	Not Fitted	Not fitted	13÷48	8x95	1050
0630561	0-80		C	M8x1	No	yes	>80 <200	Plug 3/8 brass fitted 0972058	Po=3,5" Pi=7" Q=38.000 BTU/h for NG	Fitted D=2x2,4	manual	/	/
0630562	0-80		C	M8x1	No	yes	>80 <200	Plug 3/8 brass fitted 0972058	10"(Pi=12" Q=37.000BTU/h) for LPG	Fitted D=1,85	manual	/	/
0630563	0-80		C	M8x1	No	yes	40 120	Plug 3/8 brass fitted 0972058	10"(Pi=12" Q=26.000BTU/h) for LPG	Fitted D=1,6	manual	/	/
0630564	0-80		C	M8x1	No	yes	>80 <200	Plug 3/8 brass fitted 0972058	Po=3,5" Pi=7" Q=27.000 BTU/h for NG	Fitted D=2,5	manual	/	/
0630566	0-80		A	11/32" ASA	No	no	>65 < 170	Plug allum. fitted 0972067 (80°C)	Not Fitted	Plug 0972057	21÷46	8x120	1050
0630567	0-80		A	M8x1	No	no	>40 <200	Plug allum. fitted 0972067 (80°C)	Not Fitted	Not fitted	13÷48	8x95	1050
0630568	0-80		A	M8x1	No	yes	>40 <200	Plug 3/8 brass fitted 0972058	Not Fitted	Plug 0972057	13÷48	8x95	1050
0630569	0-80		A	M8x1	No	yes	>80 <200	Not fitted	Po=3,5" Pi=7" Q=27.000 BTU/h for NG	Fitted D=2,5	13÷48	8x95	1050
0630571	0-80		A	M8x1	No	yes	>80 <200	Not fitted	Po=10" Pi=12" Q=18.000 BTU/h for LPG	Fitted D=1,6	13÷48	8x95	1050
0630700	0-80		D	M9x1	No	no	>40 <200	FA Fitted 0945198 (80 °C)	Not Fitted	Minimum screw without hole	13÷38	8x120	1050

PILOT			INLET					OUTLET						COVER	
Pilot connection	Pilot rate screw	Pilot Stop Knob	PTP	side thread	side plug	bottom thread	bottom plug	side thread	side plug	bottom thread	bottom plug	Plug on the box	outlet screen	Cover Piezo	zundsperre 7100326
7/16 24UNS, Ø 3/16, 15 mm long	Fitted 2 holes D=1,5mm	yes	without	3/8 18npt	fitted	3/8 18npt	no	3/8 18npt	fitted	3/8 18NPT	no		No	No cover	no
NO (7/16 24UNS)	Fitted 2 holes D=1,5mm	yes	captured screw	3/8 NPT	no	3/8 NPT	no	3/8 NPT	no	3/8 NPT	no	2	N° 1 in the box	No cover	no
7/16 24UNS, Ø 3/16, 15 mm long	Fitted 2 holes D=1,5mm	yes	captured screw	3/8 NPT	fitted	3/8 NPT	no	3/8 NPT	no	3/8 NPT	fitted		Screen in bottom outlet	No cover	no
7/16 24UNS, Ø 3/16, 15 mm long	Fitted 2 holes D=1,5mm	yes	captured screw	3/8 NPT	fitted	3/8 NPT	no	3/8 NPT	no	3/8 NPT	fitted		Screen in bottom outlet	No cover	no
7/16 24UNS, Ø 3/16, 15 mm long	Fitted 2 holes D=1,5mm	yes	captured screw	3/8 NPT	fitted	3/8 NPT	no	3/8 NPT	no	3/8 NPT	fitted		Screen in bottom outlet	No cover	no
7/16 24UNS, Ø 3/16, 15 mm long	Fitted 2 holes D=1,5mm	yes	captured screw	3/8 NPT	fitted	3/8 NPT	no	3/8 NPT	no	3/8 NPT	fitted		Screen in bottom outlet	No cover	no
7/16 24UNS, Ø1/4, 21 mm long	Fitted - undrilled	yes	captured screw	3/8 NPT	no	3/8 NPT	fitted	3/8 NPT	fitted	3/8 NPT	no		Screen in bottom outlet	No cover	no
NO (7/16 24UNS)	Without hole for pilot screw	yes	captured	3/8 NPT	fitted	1/2" UNF	no	3/8 NPT	fitted	1/2" UNF	no		No	No cover	no
7/16 24UNS, Ø 3/16, 15 mm long	Fitted 2 holes D=1,5mm	yes	captured screw	3/8 18npt	fitted	1/2 20unf	no	3/8 18npt	fitted	1/2 20unf	no		No	No cover	no
7/16 24UNS, Ø 3/16, 15 mm long	Fitted 2 holes D=1,5mm	yes	captured screw	3/8 NPT	fitted	3/8 NPT	no	3/8 NPT	no	3/8 NPT	fitted		Screen in bottom outlet	No cover	no
7/16 24UNS, Ø 3/16, 15 mm long	Fitted 2 holes D=1,5mm	yes	captured screw	3/8 NPT	fitted	3/8 NPT	no	3/8 NPT	no	3/8 NPT	fitted		Screen in bottom outlet	No cover	no
NO (M10x1)	Fitted - undrilled	yes	standard	3/8 Rp	no	3/8 Rp	fitted	3/8 Rp	fitted	3/8 Rp	no		No	Plus version, black cover+piezo	yes

			TC + MU				SETTINGS			THERMOSTAT		
Codes	Valve working temperature range [°C]	RoHS Version	Valve configuration	Thermocouple connection (M)	ECO connection	Interlock	Magnet Unit [Drop out- hold in current, mA]	Maximum Flow adjuster	Pressure regulator	Minimum flow setting screw (D) [mm]	Thermostat range [°C]	Bulb dimensions (D, L) [mm]	Capillary dimensions (L) [mm]
0630703	0-80		A	M9x1	No	yes	>40 <200	FA Fitted 0945198 (80 °C)	Not Fitted	Minimum screw without hole	13÷38	8x120	1050
0630704	0-80		D	M10x1	No	yes	>40 <200	FA Fitted 0945198 (80 °C)	Not Fitted	Fitted D=1,6	13÷38	8x120	1050
0630706	0-80		D	M10x1	No	yes	>40 <200	FA Fitted 0945198 (80 °C)	Not Fitted	Fitted D=1,6	13÷38	8x120	1050
0630707	0-80		D	M10x1	No	no	>40 <200	FA Fitted 0945198 (80 °C)	Not Fitted	Fitted D=1,4	13÷38	8x120	1050
0630708	0-80		D	M10x1	No	no	>40 <200	FA Fitted 0945198 (80 °C)	Not Fitted	Minimum screw without hole	13÷38	8x120	1050
0630712	0-80		D	M10x1	No	yes	>40 <200	FA Fitted 0945198 (80 °C)	Not Fitted	Minimum screw without hole	13÷38	8x120	1050
0630714	0-80		D	M10x1	No	yes	>40 <200	Not fitted	3-18 mbar	Fitted D=1,70	13÷38	8x120	1050
0630715	0-80		D	M10x1	No	yes	>40 <200	Not fitted	3-18 mbar	Fitted D=1,70	8÷33	8x120	1050
0630801	0-80		A	M9x1	No	yes	>40 <200	Not fitted	10mbar(Pi=12" Q=800l/h) for NG	Fitted D=2,10	13÷38	8x120	1050
0630802	0-80		A	M9x1	No	yes	>40 <200	Standard Pressure regulator 3-18 mbar	10mbar(Pi=20 mbar Q=2000l/h) for NG	Minimum screw without hole	40÷90	8x95	1000
0630803	0-80		A	M9x1	No	yes	>40 <200	Standard Pressure regulator 3-18 mbar	10mbar(Pi=20 mbar Q=2000l/h) for NG	Minimum screw without hole	40÷90	8x95	1000
0630804	0-80		A	11/32" ASA	Fitted 82°C calibration	yes	>40 <200	27,4 mbar (Pi=30 mbar / Red sticker) for LPG	no	Minimum screw without hole	27÷65	8x72	240

PILOT			INLET					OUTLET						COVER	
Pilot connection	Pilot rate screw	Pilot Stop Knob	PTP	side thread	side plug	bottom thread	bottom plug	side thread	side plug	bottom thread	bottom plug	Plug on the box	outlet screen	Cover Piezo	zundsperre 7100326
NO (M10x1)	Fitted - undrilled	yes		3/8 Rp	fitted	3/8 Rp	no	3/8 Rp	fitted	3/8 Rp + AUX M12X1	no		No	Plus version, black cover+piezo	no
NO (M10x1)	Fitted - undrilled	yes	standard	3/8 Rp	fitted	3/8 Rp	no	3/8 Rp	fitted	3/8 Rp	no		No	Plus version, black cover+piezo	no
NO (M10x1)	Fitted - undrilled	yes		3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	3/8 Rp + AUX M12X1	no	2	No	Plus version, black cover+piezo	no
NO (M10x1)	Fitted - undrilled	yes		3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	3/8 Rp + AUX M12X1	no	2	No	Plus version, black cover+piezo	yes
NO (M10x1)	Fitted - undrilled	yes	standard	3/8 Rp	fitted	3/8 Rp	no	3/8 Rp	fitted	3/8 Rp	no		No	Plus version, black cover+piezo	yes
NO (M10x1)	Fitted - undrilled	yes	standard	3/8 Rp	no	3/8 Rp	fitted	3/8 Rp	no	3/8 Rp	fitted		No	Plus Europe version, black cover+electric push botton	no
NO (M10x1)	Fitted - undrilled	yes	standard	3/8 Rp	fitted	3/8 Rp	no	3/8 Rp	no	3/8 Rp	fitted		No	Plus Europe version, sand cover without piezo	no
NO (M10x1)	Fitted - undrilled	yes	standard	3/8 Rp	fitted	3/8 Rp	no	3/8 Rp	no	3/8 Rp	fitted		No	Black cover without hole for piezo	no
M10x1, Ø1/4, 16 mm long	Fitted - undrilled	no	Standard screws	3/8 Rp	no	3/8 Rp	fitted	3/8 Rp	no	3/8 Rp	fitted		No	No cover	no
NO (7/16 24UNS)	Fitted - undrilled	no		3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	2		Sand cover + Piezo	no
NO (7/16 24UNS)	Fitted - undrilled	no		3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	3/8 Rp	no	2		Sand cover + Piezo	no
M10x1, Ø1/4, 16 mm long	Fitted - undrilled	yes	Standard screws	3/8 18npt	no	3/8 18npt	no	3/8 18npt	yes	3/8 18npt	no				no



ACCESSORIES

N.	Code	Description	Q.ty	N.	Code	Description	Q.ty
1a	0.973.044	Sand cover application (cover and 1 screw)	10	4b	0.945.110	Maximum rate screw – drilled ø 1.0 mm	10
1b	0.073.954	Sand cover and piezo	5	4c	0.945.112	Maximum rate screw – drilled ø 1.2 mm	10
2	0.997.209	Application for remote control	10	4d	0.945.120	Maximum rate screw – drilled ø 2.5 mm	10
3a	0.945.600	Minimum rate screw – undrilled	10	4e	0.945.525	Maximum rate screw – drilled ø 1.4 mm	100
3b	0.945.601	Minimum rate screw – drilled ø 0.40 mm	10	4f	0.945.526	Maximum rate screw – drilled ø 1.7 mm	100
3c	0.945.602	Minimum rate screw – drilled ø 0.60 mm	10	5	0.907.630	Pressure regulator (3-18 mbar)	10
3d	0.945.603	Minimum rate screw – drilled ø 1.00 mm	10	6	0.957.007	ø 12 mm olive	10
3e	0.945.604	Minimum rate screw – drilled ø 1.20 mm	10	7	0.958.025	ø 12 mm tube nut	10
3f	0.945.605	Minimum rate screw – drilled ø 0.50 mm	10	8	0.926.032	Energy cut-off (92 °C + 4 °C)	10
3g	0.945.606	Minimum rate screw – drilled ø 0.80 mm	10	9a	0.958.030	ø 4 mm pilot tube shear-off	10
3h	0.945.607	Minimum rate screw – drilled ø 0.90 mm	10	9b	0.958.031	ø 6 mm pilot tube shear-off	10
3i	0.945.610	Minimum rate screw – drilled ø 0.70 mm	10	10	0.972.061	3/8” blanking plug with O-ring	10
4a	0.945.198	Maximum rate screw – undrilled	10				

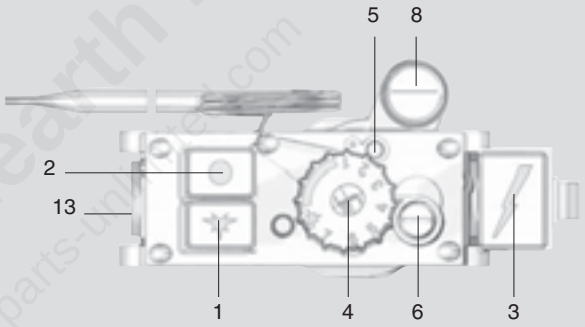
710 MINISIT

MAIN FEATURES

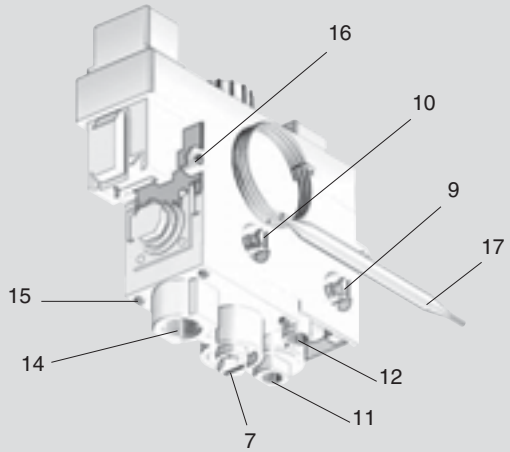
- Thermoelectric flame supervision device with interlock
- Control knob with positions for temperature selection
- Modulating and on-off thermostat
- Pressure regulator or alternatively flow adjuster
- Pilot outlet with pre-setting device of the gas flow
- Inlet and pilot filter
- Inlet and outlet pressure test point
- Inline main gas inlet and outlet or bottom outlet
- Main gas connections with threaded pipe, flange or suitable for nut and olive
- Piezo igniter (optional)

DESCRIPTION

1 Ignition button
2 Shut-down button
3 Piezo-electric ignition button (optional)
4 Temperature setting knob
5 Screw for adjusting gas flow to pilot
6 Minimum flow setting screw
7 Maximum flow setting screw (versions with flow regulator)
8 Oulet pressure setting screw (versions with flow regulator)
9 Inlet pressure test point
10 Outlet pressure test point
11 Thermocouple connection
12 Pilot outlet
13 Gas inlet
14 Main gas outlet
15 Flange fixing holes (M4)
16 Fixing points
17 Thermostat bulb



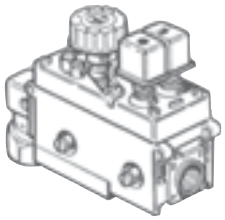
(Version with pressure regulator)



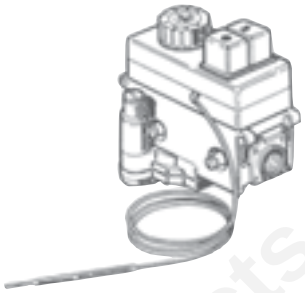
(Version with flow regulator and bottom gas outlet)

CONFIGURATIONS

VALVE CONFIGURATION



A



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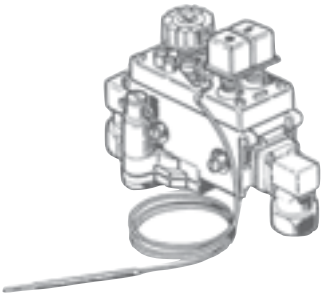

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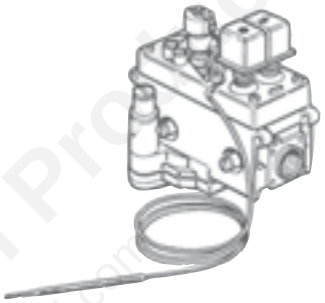

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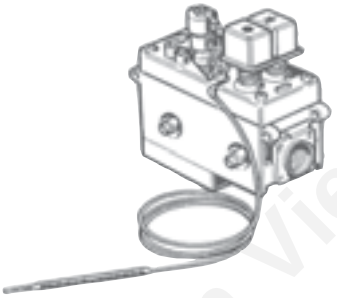

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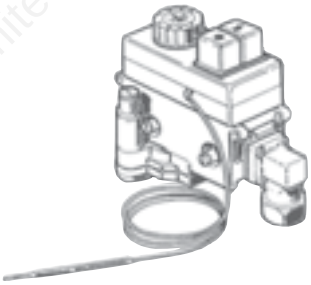

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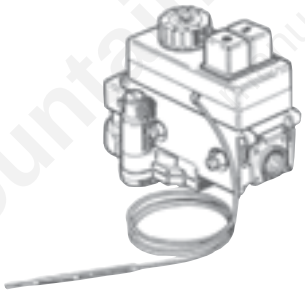
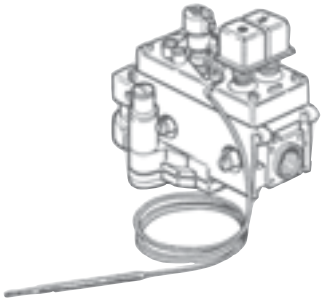


G



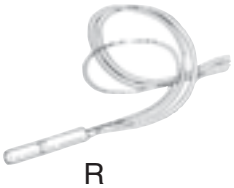
H

BULB CONFIGURATION

M

N

P



R

CODES

Codes	RoHS Version	TC connection	Magnet Unit [Drop out- hold in current, mA]	PTP (1)	Pilot connection	Inlet thread	inlet FLANGE (2)	Inlet elbow orient.	NUT	OLIVE	Reducer	Outlet thread	Outlet FLANGE	Outlet elbow fl. orient.	NUT	OLIVE
0710004		M10x1	>40 <200	Yes	Ø 4 mm , 16 mm long	1/2"	no		20 mm long	ø 16 mm		3/8"	elbow 3/8"	Bottom	yes	ø 12 mm
0710005		M10x1	>40 <200	Yes	Ø 4 mm , 16 mm long	1/2"	no		20 mm long	ø 16 mm		3/8"	elbow 3/8"	Bottom	yes	ø 12 mm
0710021		M9x1	>40 <200	yes	Ø 4 mm , 16 mm long	3/8"	no		no	no	1/2"-3/8"	bottom 3/8"		No		
0710022		M9x1	>40 <200	Yes	Ø 4 mm , 16 mm long	3/8"	no		no	no	1/2"-3/8"	bottom 3/8"		No		
0710029		M10x1	>110 <340 (red mark)	Yes	Ø 4 mm , 16 mm long	3/8"	Elbow 3/8"	Bottom	yes	ø 12 mm		3/8"	Straight brass 30 mm long (0.974.085)	No	yes	ø 12 mm
0710030		M10x1	>40 <200	Yes	Ø 4 mm , 16 mm long	1/2"	Elbow 1/2"	Bottom	yes	ø 16 mm		3/8"	Straight brass 60 mm	No	yes	ø 16 mm
0710031		M10x1	>40 <200	Yes	Ø 4 mm , 16 mm long	3/8"	no		20 mm long	ø 12 mm		3/8"	Straight brass 60 mm	No	yes	ø 12 mm
0710059		M10x1	>40 <200	Yes	Ø 4 mm , 16 mm long	1/2"	no		no	fitted		3/8"	Elbow 3/8" + P.T.Point sx Rc1/8"	Bottom	no	ø 12 mm
0710063		M9x1	>110 <340 (red mark)	Yes	Ø 6 mm, 16 mm long	3/8"	no		20 mm long	ø 12 mm		3/8"	Elbow 3/8" + P.T.Point front Rc1/8"	Bottom	yes	ø 12 mm
0710068		M9x1	>40 <200	Yes	Ø 6 mm, 16 mm long	3/8"	no		no	no	1/2"-3/8"	3/8"	elbow 3/8"	Bottom		
0710073		M10x1	>110 <340 (red mark)	Yes	Ø 4 mm , 16 mm long	1/2"	no		no	fitted		3/8"	elbow 3/8"	Bottom		
0710094		M9x1	>40 <200	Yes	Ø 6 mm, 16 mm long	1/2"	Elbow 1/2"	Bottom	no	no		3/8"	Elbow 1/2"	Bottom		
0710106		M9x1	>40 <200	Yes	Ø 6 mm, 16 mm long	3/8"	no		no	no	1/2"-3/8"	3/8"	elbow 3/8"	Bottom		
0710117		M9x1	>40 <200	Yes	Ø 6 mm, 16 mm long	1/2"	no		no	fitted		3/8"	no	No	no	no
0710119		M10x1	>40 <200	Yes	Ø 4 mm , 16 mm long	1/2"	Elbow 1/2"	Bottom	no	no		3/8"	no	No	no	no
0710125		M10x1	>40 <200	Yes	Ø 4 mm , 16 mm long	1/2"	Elbow 1/2"	Bottom	yes	ø 16 mm		3/8"	Straight brass 30 mm long (0.974.085)	No	yes	ø 16 mm
0710129		M9x1	>40 <200	Yes	Ø 6 mm, 16 mm long	3/8"	no		no	no	1/2"-3/8"	Plugged		No		
0710133		M9x1	>40 <200	no	Ø1/4, 16 mm long	1/2"	no		no	fitted		3/8"	no	No	no	no
0710134		M9x1	>40 <200	no	Ø1/4, 16 mm long	1/2"	no		no	fitted		3/8"	no	No	no	no
0710136		M10x1	>40 <200	Yes	Ø 6 mm, 16 mm long	3/8"	no		no	no	1/2"-3/8"	3/8"	no	No	no	no
0710148		M10x1	>40 <200	Yes	Ø 6 mm, 16 mm long	1/2"	no		no	fitted		3/8"	elbow 3/8"	Bottom		
0710162		M10x1	>40 <200	Yes	Ø 4 mm , 16 mm long	1/2"	no		20 mm long	ø 16 mm		3/8"	no	No	no	no

Secondary Outlet	Thermostat range	knob setting	Capillary dimensions (L) [mm]	Bulb dimensions (D, L) [mm]	P.R. or output flow adj.	Minimum rate screw Drilled ø	Cover (sand coloured)	Push buttons colour	Knob	Piezo igniter
	13-38	cal.38°C knob7	1050	8x120	No P.R. No o.f.adj. inlet&outlet in line (Blanking plate)	No	Left index	Sand	Sand knob 0.916.111 L.H. reference	Square piezo (sand)
	13-38	cal.38°C knob7	1050	8x120	3-18 mbar Pi 15 Po 11 Flow 1.37 m3/h	No	Left index	Sand	Sand knob 0.916.111 L.H. reference	Square piezo (sand)
M14x1 Plugged	13-38	cal.38°C knob7	1050	8x120	No P.R. No Outlet flow adj. + bottom outlet 3/8"	0,7	Compact cover (with piezo, without plastic plug)	Black	Black knob (0.916.092) L.H. Ref.	Piezo with mounting bracket tapping the side outlet
	13-38	cal.38°C knob7	1050	8x120	No P.R. No Outlet flow adj. + bottom outlet 3/8"	0,7	Compact cover (with piezo, without plastic plug)	Black	Black knob (0.916.092) L.H. Ref.	Piezo with mounting bracket tapping the side outlet
	13-31	cal.20°C knob 3	1050	8x155	3-18 mbar Pi 15 Po 11 Flow 1.37 m3/h	0,4	No	Black	Black knob (0.916.092) L.H. Ref.	No
	13-38	cal.20°C knob 3			3-18 mbar with stop pos. Pi 17 Po 10.7 Flow m3/h 2.30	No	Left index	Black	Black knob (0.916.092) L.H. Ref.	Square piezo (black)
	13-38	cal.20°C knob 3			3-18 mbar with stop pos. Pi 15 Po 11 Flow m3/h 1.37	1	Left index	Black	Black knob (0.916.092) L.H. Ref.	Square piezo (black)
	13-38	cal.38°C knob7	1050	8x120	3-18 mbar Pi 15 Po 11 Flow 1.37 m3/h	Not drilled screw fitted	Right index	Black	Black knob - 0.916.101 R.H. reference	Square piezo (black)
	13-31	cal.20°C knob 3	1050	8x155	3-18 mbar Pi 15 Po 11 Flow 1.37 m3/h	No	No	Black	Black knob (0.916.092) L.H. Ref.	No
	13-38	cal.38°C knob7	1050	8x120	Outlet flow adjuster	Not drilled screw fitted	No	Black	Black knob (0.916.092) L.H. Ref.	No
	13-38	cal.38°C knob7	1050	8x120	3-18 mbar Pi 15 Po 11 Flow 1.37 m3/h	1,3	Left index	Sand	Sand knob 0.916.111 L.H. reference	Square piezo (sand)
	20-90	cal. 90°C			3-18 mbar Pi 15 Po 11 Flow 1.37 m3/h	Not drilled screw fitted	Left index	Black	Black knob (0.916.092) L.H. Ref.	Square piezo (black)
	manual				No P.R. No o.f.adj. inlet&outlet in line (Blanking plate)	Not drilled screw fitted	No	Black	Black knob - 0.916.096 R.H. reference	No
	13-38	cal.38°C knob7	1050	8x120	3-18 mbar Pi 15 Po 11 Flow 1.37 m3/h	Not drilled screw fitted	Left index	Black	Black knob (0.916.092) L.H. Ref.	No
	13-38	cal.38°C knob7	1050	8x120	3-18 mbar Pi 15 Po 11 Flow 1.37 m3/h	Not drilled screw fitted	Right index	Sand	Sand knob 0.916.102 R.H. reference	Square piezo (sand)
	13-38	cal.38°C knob7	1050	8x120	3-18 mbar Pi 15 Po 11 Flow 1.37 m3/h	0,4	No	Black	Black knob (0.916.092) L.H. Ref.	No
	13-38	cal.38°C knob7	1050	8x120	Outlet flow adjuster	Not drilled screw fitted	Left index	Black	Black knob (0.916.092) L.H. Ref.	Square piezo (black)
	13-38	cal.38°C knob7	1050	8x120	3-18 mbar Pi 15 Po 11 Flow 1.37 m3/h	Not drilled screw fitted	Without index (0.903.052)	Sand	Sand knob 0.916.111 L.H. reference	No
	13-38	cal.38°C knob7	1050	8x120	No P.R. No o.f.adj. inlet&outlet in line (Blanking plate)	Not drilled screw fitted	Without index (0.903.052)	Sand	Sand knob 0.916.111 L.H. reference	No
	30-90	cal. 90°C			3-18 mbar Pi 15 Po 11 Flow 1.37 m3/h	1,7	Left index	Black	Black knob 0.916.126 L.H. ref.	No
	30-90	cal. 90°C			3-18 mbar Pi 15 Po 11 Flow 1.37 m3/h	2	Left index	Black	Black knob 0.916.126 L.H. ref.	Square piezo (black)
	13-38	cal.38°C knob7	1050	8x120	No P.R. No o.f.adj. inlet&outlet in line (Blanking plate)	No	No	Sand	Sand knob 0.916.111 L.H. reference	No

Codes	RoHS Version	TC connection	Magnet Unit [Drop out- hold in current, mA]	PTP (1)	Pilot connection	Inlet thread	inlet FLANGE (2)	Inlet elbow orient.	NUT	OLIVE	Reducer	Outlet thread	Outlet FLANGE	Outlet elbow fl. orient.	NUT	OLIVE
0710164		M9x1	>40 <200	W	Ø 6 mm, 16 mm long	1/2"	no		no	fitted		3/8"	no	No	no	no
0710170		M9x1	>40 <200	Yes	Ø1/4, 16 mm long	1/2"	no		no	fitted		3/8"	no	No	no	no
0710173		M10x1	>110 <340 (red mark)	Yes	Ø 4 mm , 16 mm long	1/2"	Elbow 1/2"	Bottom	yes	ø 16 mm		3/8"	Elbow 1/2"	Bottom	yes	ø 16 mm
0710176		M9x1	>40 <200	Yes	Ø 6 mm, 16 mm long	1/2"	no		no	fitted		3/8"	no	No	no	no
0710182		M10x1	>40 <200	Yes	Ø 4 mm , 16 mm long	3/8"	Elbow 3/8"	Bottom	yes	ø 12 mm		3/8"	Straight brass 30 mm long (0.974.085)	No	yes	ø 12 mm
0710193		M9x1	>40 <200	Yes	Ø 6 mm, 16 mm long	1/2"	no		no	fitted		3/8"	no	No	no	no
0710194		M10x1	>40 <200	Yes	Ø 4 mm , 16 mm long	1/2"	Elbow 1/2"	Side	no	no		3/8"	no	No	no	no
0710195		M10x1	>110 <340 (red mark)	Yes	Ø 4 mm , 16 mm long	1/2"	no		no	fitted		Plugged		No		
0710196		M10x1	>110 <340 (red mark)	Yes	Ø 4 mm , 16 mm long	3/8"	Elbow 3/8"	Bottom	no	no		3/8"	Straight brass 30 mm long (0.974.085)	No		
0710198		M10x1	>110 <340 (red mark)	Yes	Ø 4 mm , 16 mm long	1/2"	no		no	fitted		3/8"	elbow 3/8"	Bottom	yes	ø 12 mm
0710199		M9x1	>40 <200	Yes	Ø 6 mm, 16 mm long	1/2"	Elbow 1/2"	Bottom	no	no		3/8"	Elbow 1/2"	Bottom		
0710203		M9x1	>40 <200	Yes	Ø 6 mm, 16 mm long	1/2"	Elbow 1/2"	Bottom	no	no		3/8"	Elbow 1/2"	Bottom		
0710204		M9x1	>40 <200	Yes	Ø 4 mm , 16 mm long	3/8"	Elbow 3/8"	Top	no	no		3/8"	elbow 3/8"	Bottom		
0710207		M10x1	>40 <200	Yes	Ø 4 mm , 16 mm long	3/8"	Elbow 3/8"	Bottom	yes	ø 12 mm		3/8"	Straight brass 30 mm long (0.974.085)	No	yes	ø 12 mm
0710209		M9x1	>40 <200	Yes	Ø 6 mm, 16 mm long	1/2"	no		no	fitted		3/8"	no	No	no	no
0710210		M9x1	>40 <200	no	Ø1/4, 16 mm long	1/2"	no		no	fitted		3/8"	Elbow 3/8" + P.T.Point sx Rc1/8"	Bottom		
0710212		M10x1	>40 <200	W	Ø 4 mm , 16 mm long	1/2"	no		no	fitted		3/8"	no	No	no	no
0710215		M9x1	>40 <200	Yes	Ø 6 mm, 16 mm long	1/2"	no		no	fitted		3/8"	no	No	no	no
0710216		M10x1	>40 <200	Yes	Ø 4 mm , 16 mm long	1/2"	no		no	fitted		3/8"	no	No	no	no
0710218		M10x1	>110 <340 (red mark)	yes	No	1/2"	no		no	fitted		3/8"	no	No	no	no
0710221		M9x1	>40 <200	Yes	Ø 6 mm, 16 mm long	1/2"	no		no	fitted		3/8"	no	No	no	no
0710222		M9x1	>40 <200	Yes	Ø 4 mm , 16 mm long	3/8"	Elbow 3/8"	Top	no	no		3/8"	no	No	no	no
0710225		M9x1	>40 <200	Yes	No	1/2"	no		no	fitted		3/8"	no	No	no	no
0710227		M10x1	>40 <200	Yes	Ø 4 mm , 16 mm long	1/2"	Elbow 1/2"		no	no		3/8"	Elbow 1/2"	Bottom	no	no

Secondary Outlet	Thermostat range	knob setting	Capillary dimensions (L) [mm]	Bulb dimensions (D, L) [mm]	P.R. or output flow adj.	Minimum rate screw Drilled ø	Cover (sand coloured)	Push buttons colour	Knob	Piezo igniter
	13-38	cal.38°C knob7	1050	8x120	3-18 mbar Pi 25 Po 15 Flow m3/h 0.400	0,5	No	Black	Black knob - 0.916.101 R.H. reference	No
	manual				No P.R. No o.f.adj. inlet&outlet in line (Blanking plate)	Not drilled screw fitted	Without index (0.903.052)	Black	No	No
	13-38	cal.38°C knob7	1050	8x120	3-18 mbar Pi 15 Po 11 Flow 1.37 m3/h	No	No	Black	Extension for remote control	No
	25-95	cal.95°C	1050	8x95	3-18 mbar Pi 15 Po 11 Flow 1.37 m3/h	2,4	Left index	Black	Black knob 0.916.126 L.H. ref.	No
	13-38	cal.38°C knob7	1050	8x120	3-18 mbar Pi 15 Po 11 Flow 1.37 m3/h	1,3	No	Black	Black knob (0.916.092) L.H. Ref.	No
	40-72	cal. 72°C	670	12x90	3-18 mbar Pi 15 Po 11 Flow 1.37 m3/h	Not drilled screw fitted	Without index (0.903.052)	Black	Black knob (2.116.184) L.H. reference	No
M14x1 side	13-38	cal.38°C knob7	1050	8x120	15-30 mbar Pi 24 Po 20 Flow 1.37 m3/h	1,6	Left index	Sand	Sand knob 0.916.111 L.H. reference	Square piezo (sand)
M14x1 side	13-31	cal.20°C knob 3	1050	8x155		0,4	No	Black	Black knob (0.916.092) L.H. Ref.	No
	13-31	cal.20°C knob 3	1050	8x155	outlet flow adjuster	0,4	No	Black	Black knob (0.916.092) L.H. Ref.	No
	13-38	cal.38°C knob7	1050	8x120	3-18 mbar Pi 15 Po 11 Flow 1.37 m3/h	1,3	No	Black	Extension for remote control	No
	30-90	cal. 90°C			3-18 mbar Pi 15 Po 11 Flow 1.37 m3/h	Not drilled screw fitted	No	Black	Black knob 0.916.126 L.H. ref.	No
	20-75	cal.75°C	1300	4x172	No P.R. No o.f.adj. inlet&outlet in line (Blanking plate)	Not drilled screw fitted	Left index	Black	Black knob - customer name printing	Square piezo (black)
	40-90	cal.65°C 1°stop	1050	8x95	3-18 mbar Pi 18 Po 14.1 Flow 0.50	0,7	Left index	Black	Black knob 2.116.095 L.H. ref.	No
	13-38	cal.38°C knob7	1050	8x120	3-18 mbar with stop pos. Pi 15 Po 11 Flow m3/h 1.37	No	Left index	Black	Black knob (0.916.092) L.H. Ref.	Square piezo (black)
	40÷72	cal. 72°C	870	12x90	No P.R. No o.f.adj. inlet&outlet in line (Blanking plate)	Not drilled screw fitted	Without index (0.903.052)	Black	Black knob (2.116.184) L.H. reference	No
	13-29	cal. 29 knob 7			3-18 mbar Pi 15 Po 11 Flow 1.37 m3/h	Plug fitted (0.972.055)	No	Sand	Sand knob 0.916.111 L.H. reference	No
	13-38	cal.38°C knob7	1050	8x120	3-18 mbar Pi 25 Po 15 Flow m3/h 0.400	1,4	No	Black	Black knob - 0.916.101 R.H. reference	No
	20-75	cal.75°C			No P.R. No o.f.adj. inlet&outlet in line (Blanking plate)	Not drilled screw fitted	Left index	Black	Black knob - customer name printing	No
M14x1 side	30-90	cal. 90°C			3-18 mbar Pi 15 Po 11 Flow 1.37 m3/h	Not drilled screw fitted	Left index	Black	Black knob 0.916.126 L.H. ref.	No
M14x1 Plugged	13-31	cal.20°C knob 3	1050	8x155		0,4	No	Black	Black knob (0.916.092) L.H. Ref.	No
	40÷72	cal. 72°C	670	12x90	3-18 mbar Pi 15 Po 11 Flow 1.37 m3/h	Not drilled screw fitted	Without index (0.903.052)	Black	Black knob (2.116.184) L.H. reference	No
	40-90	cal.65°C 1°stop	1050	8x95	3-18 mbar Pi 18 Po 14.1 Flow 0.50	0,7	Left index	Black	Black knob 2.116.095 L.H. ref.	No
	30-90	cal. 90°C			3-18 mbar Pi 15 Po 11 Flow 1.37 m3/h	Not drilled screw fitted	No	Black	Black knob 0.916.126 L.H. ref.	No
	13-38	cal.38°C knob7	1050	8x120	3-18 mbar Pi 15 Po 11 Flow 1.37 m3/h	0,4	Left index	Black	Black knob (0.916.092) L.H. Ref.	Square piezo (black)

Codes	RoHS Version	TC connection	Magnet Unit [Drop out- hold in current, mA]	PTP (1)	Pilot connection	Inlet thread	inlet FLANGE (2)	Inlet elbow orient.	NUT	OLIVE	Reducer	Outlet thread	Outlet FLANGE	Outlet elbow fl. orient.	NUT	OLIVE
0710228		M10x1	>110 <340 (red mark)	Yes	Ø 4 mm , 16 mm long	1/2"	no		no	fitted		3/8"	no	No	no	no
0710235		M9x1	>40 <200	Yes	Ø 6 mm, 16 mm long	3/8"	no		no	no	1/2"-3/8"	3/8"	elbow 3/8"	Bottom		
0710236		M9x1	>40 <200	Yes	Ø1/4, 16 mm long	1/2"	no		no	fitted		3/8"	no	No	no	no
0710251		M9x1	>40 <200	yes	No	1/2"	no (2)		no	fitted		3/8"	no (with threaded flanges mounting holes)	No	no	no
0710252		M9x1	>40 <200	yes	No	1/2"	no (2)		no	fitted		3/8"	no (with threaded flanges mounting holes)	No	no	no
0710501		11/32 ASA	> 45 < 150	C	7/16UNS-24, Ø 1/4", 21 mm long	1/2 NPT	no		no	fitted		3/8 NPT	no	No	no	no
0710502		11/32 ASA	> 45 < 150	C	7/16UNS-24, Ø 1/4", 21 mm long	1/2 NPT	no		no	fitted		3/8 NPT	no	No	no	no
0710505		11/32 ASA	> 45 < 150	C	7/16UNS-24, Ø 1/4", 21 mm long	1/2 NPT	no		no	fitted		3/8 NPT side	no	No	no	no
0710506		11/32 ASA	> 45 < 150	C	7/16UNS-24, Ø 1/4", 21 mm long	1/2 NPT	no		no	fitted		3/8 NPT side	no	No	no	no
0710603		M9x1	>40 <200	Yes	Ø 6 mm, 16 mm long	3/8"	Elbow 3/8"	Bottom	no	no		3/8"	elbow 3/8"	Bottom		
0710618		M10x1	>40 <200	Yes	Ø 4 mm , 16 mm long	3/8"	Straight 3/8"	Bottom	yes	ø 12 mm		3/8"	Straight brass 30 mm long (0.974.085)	No		
0710619		M10x1	>40 <200	Yes	Ø 4 mm , 16 mm long	3/8"	Elbow 3/8"	Bottom	yes	ø 12 mm		3/8"	Straight brass 30 mm long (0.974.085)	No		
0710646		M9x1	>40 <200	Yes	Ø1/4, 16 mm long	1/2"	no		no	fitted		3/8"	no	No	no	no
0710647		M9x1	>40 <200	Yes	Ø 6 mm, 16 mm long	1/2"	no		no	fitted		3/8"	no	No	no	no
0710648		M9x1	>40 <200	Yes	Ø 6 mm, 16 mm long	1/2"	Elbow 1/2"	Bottom	no	no		3/8"	Elbow 1/2"	Bottom		
0710650		M9x1	>40 <200	yes	No	1/2"	no (2)		no	fitted		3/8"	no (with threaded flanges mounting holes)	No	no	no
0710651		M9x1	>40 <200	yes	No	1/2"	no (2)		no	fitted		3/8"	no (with threaded flanges mounting holes)	No	no	no
0710652		M9x1	>40 <200	yes	No	1/2"	no (2)		no	fitted		3/8"	no (with threaded flanges mounting holes)	No	no	no
0710653		M9x1	>40 <200	yes	No	1/2"	no (2)		no	fitted		3/8"	no (with threaded flanges mounting holes)	No	no	no
0710654		M9x1	>40 <200	yes	No	1/2"	no (2)		no	fitted		3/8"	no (with threaded flanges mounting holes)	No	no	no
0710655		M9x1	>40 <200	yes	No	1/2"	no (2)		no	fitted		3/8"	no (with threaded flanges mounting holes)	No	no	no

Secondary Outlet	Thermostat range	knob setting	Capillary dimensions (L) [mm]	Bulb dimensions (D, L) [mm]	P.R. or output flow adj.	Minimum rate screw Drilled ø	Cover (sand coloured)	Push buttons colour	Knob	Piezo igniter
	37-72	cal. 72°C	670	10x51	3-18 mbar Pi 15 Po 11 Flow 1.37 m3/h	Not drilled screw fitted	Without index (0.903.052)	Black	Black knob (2.116.184) L.H. reference	Square piezo (sand)
	13-38	cal.38°C knob7	1050	8x120	Outlet flow adjuster	0,8	No	Black	Black knob (0.916.092) L.H. Ref.	No
	110-190	cal.190°C	1050	6x73	No P.R. No o.f.adj. inlet&outlet in line (Blanking plate)	Not drilled screw fitted	No/Left index	Black	Sand knob 0.916.111 L.H. reference	No
	13-38	cal.38°C knob7	1050	8x120	3-18 mbar Pi 15 Po 11 Flow 1.37 m3/h	Not drilled screw fitted	No	Black	No	No
	13-38	cal.38°C knob7	1050	8x120	No P.R. No o.f.adj. inlet&outlet in line (Blanking plate)	Not drilled screw fitted	No	Black	No	No
	13-38	cal.38°C knob7	1050	8x120		No	Without index (0.903.052)	Black	Extension for remote control	No
	13-38	cal.38°C knob7	1050	8x120		No	Without index (0.903.052)	Black	Extension for remote control	No
	13-38	cal.38°C knob7	1050	8x120	NG Pi 7" Po 5.5" Flow m3/h 1.01 (90000 btu)	Plug fitted (0.972.055)	Without index (0.903.052)	Black	Extension for remote control	No
	13-38	cal.38°C knob7	1050	8x120	LPG. Pi 12" Po 10.5" Flow m3/h 2.54 (90000 btu)	Plug fitted (0.972.055)	Without index (0.903.052)	Black	Extension for remote control	No
	100-340	cal. 340°C knob max	1050	5x68	No P.R. No o.f.adj. inlet&outlet in line (Blanking plate)	Not drilled screw fitted	Left index	Black	Black knob (0.916.124) L.H. Ref.	No
	120-340	cal.340°C knob Max	1050	5x68	No P.R. No o.f.adj. inlet&outlet in line (Blanking plate)	0,5	Left index	Black	Black knob (0.916.124) L.H. Ref.	Square piezo (black)
	120-340	cal.340°C knob Max	1050	5x68	No P.R. No o.f.adj. inlet&outlet in line (Blanking plate)	0,5	Left index	Black	Black knob (0.916.124) L.H. Ref.	Square piezo (black)
	140-340	cal.340°C knob Max	1500	5x68	No P.R. No o.f.adj. inlet&outlet in line (Blanking plate)	Not drilled screw fitted	Left index	Black	Sand knob 0.916.111 L.H. reference	No
	30-100	cal 310	1300	4x72	No P.R. No o.f.adj. inlet&outlet in line (Blanking plate)	Not drilled screw fitted	No	Black	No	No
	120-340	cal.340°C knob Max	1300	4x72	No P.R. No o.f.adj. inlet&outlet in line (Blanking plate)	Not drilled screw fitted	Without index (0.903.052)	Black	Black knob (0.916.092) L.H. Ref.	No
	100-340		1050	5x68	No P.R. No o.f.adj. inlet&outlet in line (Blanking plate)	Not drilled screw fitted	No	Black	No	No
	100-340		1050	5x68	3-18 mbar Pi 15 Po 11 Flow 1.37 m3/h	Not drilled screw fitted	No	Black	No	No
	100-340	cal.340°C knob Max	1750	5x68	No P.R. No o.f.adj. inlet&outlet in line (Blanking plate)	Not drilled screw fitted	No	Black	No	No
	70-270		1050	5x104	No P.R. No o.f.adj. inlet&outlet in line (Blanking plate)	Not drilled screw fitted	No	Black	No	No
	100-340	cal.340°C knob max	1050	4x72	No P.R. No o.f.adj. inlet&outlet in line (Blanking plate)	Not drilled screw fitted	No	Black	No	No
	100-340	cal.340°C knob max	1050	4x72	3-18 mbar Pi 15 Po 11 Flow 1.37 m3/h	Not drilled screw fitted	No	Black	No	No

Codes	RoHS Version	TC connection	Magnet Unit [Drop out- hold in current, mA]	PTP (1)	Pilot connection	Inlet thread	inlet FLANGE (2)	Inlet elbow orient.	NUT	OLIVE	Reducer	Outlet thread	Outlet FLANGE	Outlet elbow fl. orient.	NUT	OLIVE
0710656		M10x1	>40 <200	Yes	No	1/2"	no (2)		no	no		3/8"	Straight brass 30 mm long (0.974.085)	No		
0710657		M9x1	>40 <200	yes	No	1/2"	no (2)		no	fitted		3/8"	no (with threaded flanges mounting holes)	No	no	no
0710702		M9x1	>40 <200	Yes	Ø 6 mm, 16 mm long	3/8"	Elbow 3/8"	Bottom	no	no		3/8"	elbow 3/8"	Bottom		
0710720		M9x1	>40 <200	Yes	Ø 6 mm, 16 mm long	3/8"	no		no	no	1/2"-3/8"	3/8"	no	No	no	no
0710724		M10x1	>40 <200	Yes	Ø 4 mm , 16 mm long	3/8"	Elbow 3/8"	Bottom	yes	ø 12 mm		3/8"	elbow 3/8"	Bottom	yes	ø 12 mm
0710740		M9x1	>40 <200	Yes	Ø1/4, 16 mm long	1/2"	no		no	fitted		3/8"	no	No	no	no
0710741		M9x1	>40 <200	Yes	Ø 6 mm, 16 mm long	1/2"	no		no	fitted		3/8"	no	No	no	no
0710742		M9x1	>40 <200	Yes	Ø 4 mm , 16 mm long	1/2"	no		no	fitted		3/8"	no	No	no	no
0710743		M9x1	>40 <200	Yes	Ø 6 mm, 16 mm long	3/8"	Elbow 3/8"	Bottom	no	no		3/8"	elbow 3/8"	Bottom		
0710744		M9x1	>40 <200	Yes	Ø 4 mm , 16 mm long	1/2"	no		no	fitted		3/8"	no	No	no	no
0710745		M10x1	>40 <200	Yes	Ø 4 mm , 16 mm long	1/2"	no		no	fitted		3/8"	elbow 3/8"	Bottom		
0710746		M10x1	>40 <200	Yes	Ø 4 mm , 16 mm long	3/8"	Elbow 3/8"	Bottom	yes	ø 12 mm		3/8"	elbow 3/8"	Bottom	yes	ø 12 mm
0710747		M9x1	>40 <200	Yes	Ø 6 mm, 16 mm long	3/8"	Elbow 3/8"	Bottom	no	no		3/8"	elbow 3/8"	Bottom		
0710750		M9x1	>40 <200	yes	No	1/2"	no (2)		no	fitted		3/8"	no (with threaded flanges mounting holes)	No	no	no
0710751		M9x1	>40 <200	yes	No	1/2"	no (2)		no	fitted		3/8"	no (with threaded flanges mounting holes)	No	no	no
0710752		M9x1	>40 <200	yes	No	1/2"	no (2)		no	fitted		3/8"	no (with threaded flanges mounting holes)	No	no	no
0710754		M9x1	>40 <200	yes	No	1/2"	no (2)		no	fitted		3/8"	no (with threaded flanges mounting holes)	No	no	no
0710756		M9x1	>40 <200	yes	No	1/2"	no (2)		no	fitted		3/8"	no (with threaded flanges mounting holes)	No	no	no

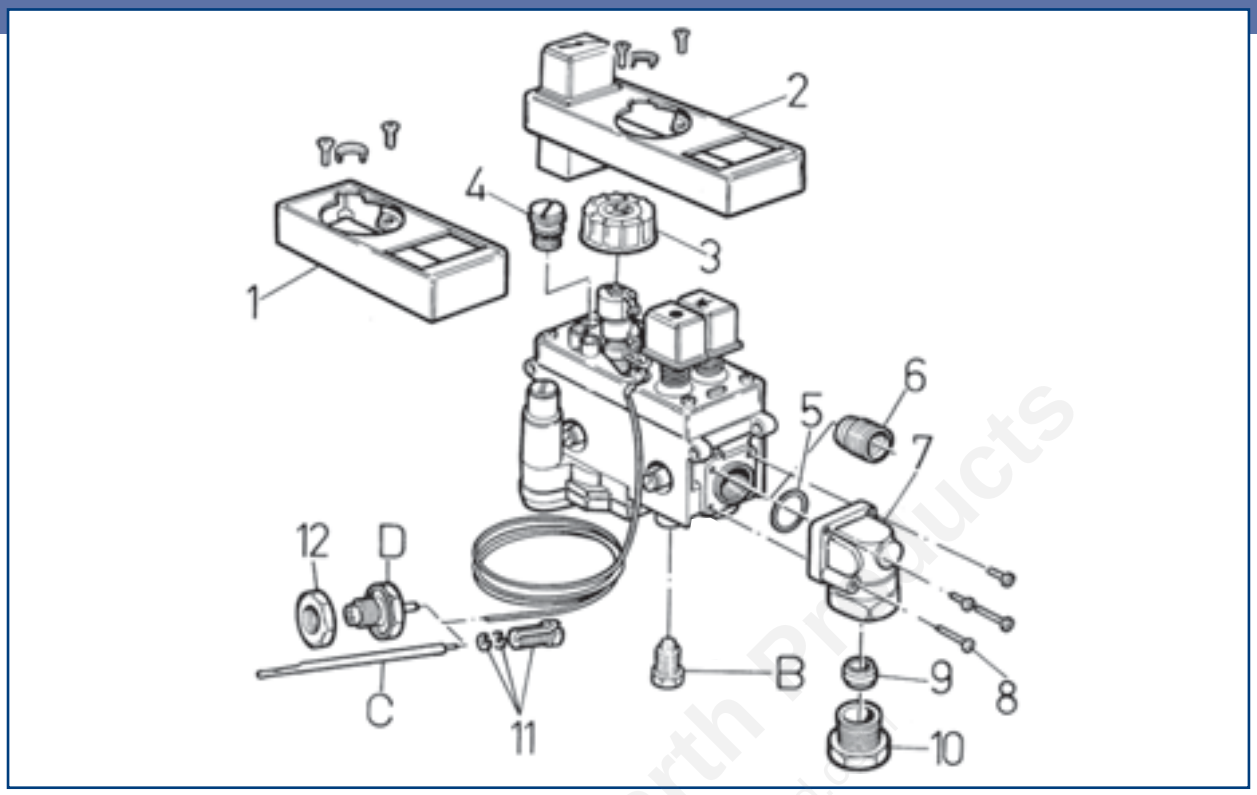
Secondary Outlet	Thermostat range	knob setting	Capillary dimensions (L) [mm]	Bulb dimensions (D, L) [mm]	P.R. or output flow adj.	Minimum rate screw Drilled ø	Cover (sand coloured)	Push buttons colour	Knob	Piezo igniter
	120-340	cal.340°C knob Max	1050	5x68	15-30 mbar Pi 24 Po 20 Flow 1.37 m3/h	0,5	Left index	Black	Black knob (0.916.124) L.H. Ref.	Square piezo (black)
	100-340	cal.340°C knob Max	1750	5x68	3-18 mbar Pi 15 Po 11 Flow 1.37 m3/h	Not drilled screw fitted	No	Black	No	No
	50-190	cal.190°C	1200	bicone sealing system	No P.R. No o.f.adj. inlet&outlet in line (Blanking plate)	Not drilled screw fitted	Without index (0.903.052)	Black	Black knob (0.916.124) L.H. Ref.	No
	30-100	cal 310	1300	4x72	No P.R. No o.f.adj. inlet&outlet in line (Blanking plate)	Not drilled screw fitted	Left index	Black	Black knob (0.916.124) L.H. Ref.	Square piezo (black)
	60-200	cal.200°C			No P.R. No o.f.adj. inlet&outlet in line (Blanking plate)	0,5	Left index	Black	Black knob (0.916.124) L.H. Ref.	Square piezo (black)
	120-200	cal.200°C	1050	bicone sealing system M14x1.5	No P.R. No o.f.adj. inlet&outlet in line (Blanking plate)	Not drilled screw fitted	Left index	Black	Sand knob 0.916.111 L.H. reference	No
	70-210	cal.210°C	1300		No P.R. No o.f.adj. inlet&outlet in line (Blanking plate)	Not drilled screw fitted	No	Black	No	No
	120-200	cal.200°C		bicone sealing system M14x1.5	3-18 mbar Pi 15 Po 11 Flow 1.37 m3/h	Not drilled screw fitted	Without index (0.903.052)	Black	Black knob (0.916.124) L.H. Ref.	Square piezo (black)
	120-200	cal.200°C		bicone sealing system M14x1.5	No P.R. No o.f.adj. inlet&outlet in line (Blanking plate)	Not drilled screw fitted	Without index (0.903.052)	Black	Black knob (0.916.124) L.H. Ref.	No
	120-200	cal.200°C		bicone sealing system (Rs 3/8)	3-18 mbar Pi 15 Po 11 Flow 1.37 m3/h	Not drilled screw fitted	Without index (0.903.052)	Black	Black knob (0.916.124) L.H. Ref.	Square piezo (black)
	140-220	cal.200°C		bicone sealing system (3/8NPT)	No P.R. No o.f.adj. inlet&outlet in line (Blanking plate)	Not drilled screw fitted	Left index	Black	Black knob (2116225) 0-140-180-220 L.H. reference	Square piezo (black)
	60-200	cal.200°C			3-18 mbar Pi 15 Po 11 Flow 1.37 m3/h	0,5	Left index	Black	Black knob (0.916.124) L.H. Ref.	Square piezo (black)
	135-215	cal.215°C		bicone sealing system M14x1.5	No P.R. No o.f.adj. inlet&outlet in line (Blanking plate)	Not drilled screw fitted	Without index (0.903.052)	Black	Black knob (0.916.124) L.H. Ref.	No
	50-190	cal. 190°C knob max.			No P.R. No o.f.adj. inlet&outlet in line (Blanking plate)	Not drilled screw fitted	No	Black	No	No
	50-190	cal. 190°C knob max.			3-18 mbar Pi 15 Po 11 Flow 1.37 m3/h	Not drilled screw fitted	No	Black	No	No
	50-190	cal.190°C	1050		3-18 mbar Pi 15 Po 11 Flow 1.37 m3/h	Not drilled screw fitted	No	Black	No	No
	110-190	cal.190°C	1050	cap G1/4"x26	3-18 mbar Pi 15 Po 11 Flow 1.37 m3/h	Not drilled screw fitted	No	Black	No	No
	110-190	cal.190°C knob max	1050	6x102	No P.R. No o.f.adj. inlet&outlet in line (Blanking plate)	Not drilled screw fitted	No	Black	No	No

Codes	RoHS Version	TC connection	Magnet Unit [Drop out- hold in current, mA]	PTP (1)	Pilot connection	Inlet thread	inlet FLANGE (2)	Inlet elbow orient.	NUT	OLIVE	Reducer	Outlet thread	Outlet FLANGE	Outlet elbow fl. orient.	NUT	OLIVE
0710757		M9x1	>40 <200	yes	No	1/2"	no (2)		no	fitted		3/8"	no (with threaded flanges mounting holes)	No	no	no
0710758		M9x1	>40 <200	yes	No	1/2"	no (2)		no	fitted		3/8"	no (with threaded flanges mounting holes)	No	no	no
0710759		M9x1	>40 <200	yes	No	1/2"	no (2)		no	fitted		3/8"	no (with threaded flanges mounting holes)	No	no	no
0710760		M9x1	>40 <200	yes	No	1/2"	no (2)		no	fitted		3/8"	no (with threaded flanges mounting holes)	No	no	no
0710763		M9x1	>40 <200	Yes	Ø 4 mm , 16 mm long	1/2"	no	side	no	fitted		3/8"	no	No	no	no
0710764		M9x1	>40 <200	yes	No	1/2"	no (2)		no	fitted		3/8"	no (with threaded flanges mounting holes)	No	no	no
0710817		M9x1	>40 <200	yes	Ø 6 mm, 16 mm long	1/2"	no (2)		no	fitted		3/8"	no (with threaded flanges mounting holes)	No	no	no
0710819		M9x1	>40 <200	Yes	Ø1/4, 16 mm long	1/2"	no		no	fitted		3/8"	no	No	no	no
0710850		M9x1	>40 <200	yes	No	1/2"	no (2)		no	fitted		3/8"	no (with threaded flanges mounting holes)	No	no	no
0710851		M9x1	>40 <200	yes	No	1/2"	no (2)		no	fitted		3/8"	no (with threaded flanges mounting holes)	No	no	no
0710852		M9x1	>40 <200	yes	No	1/2"	no (2)		no	fitted		3/8"	no (with threaded flanges mounting holes)	No	no	no

(1) W = yes (screw without slot),
C = yes (captured screw)

(2) with threaded flanges mounting holes

Secondary Outlet	Thermostat range	knob setting	Capillary dimensions (L) [mm]	Bulb dimensions (D, L) [mm]	P.R. or output flow adj.	Minimum rate screw Drilled ø	Cover (sand coloured)	Push buttons colour	Knob	Piezo igniter
	110-190	cal.190°C knob max	1050	6x102	3-18 mbar Pi 15 Po 11 Flow 1.37 m3/h	Not drilled screw fitted	No	Black	No	No
	110-190	cal.190°C	1050	6x102	No P.R. No o.f.adj. inlet&outlet in line (Blanking plate)	Not drilled screw fitted	No	Black	No	No
	120-200	cal.200°C knob max	1050	6x102	3-18 mbar Pi 15 Po 11 Flow 1.37 m3/h	Not drilled screw fitted	No	Black	No	No
	110-190	cal.190°C	1050	cap G1/4"x26	No P.R. No o.f.adj. inlet&outlet in line (Blanking plate)	Not drilled screw fitted	No	Black	No	No
	120-200	cal.200°C		bicone sea-ling system M14x1.5	3-18 mbar Pi 15 Po 11 Flow 1.37 m3/h	Not drilled screw fitted	Without index (0.903.052)	Black	Extension for remote control	No
	110-190	cal.190°C knob max	1050	6x102	No P.R. No o.f.adj. inlet&outlet in line (Blanking plate)	Not drilled screw fitted	No	Black	No	No
	40-110	cal. 82°C knob 1 stop end			3-18 mbar Pi 15 Po 11 Flow 1.37 m3/h	0,7	Left index	Black	No	No
	40-110	cal.110°C knob max			No P.R. No o.f.adj. inlet&outlet in line (Blanking plate)	Not drilled screw fitted	Left index	Black	Sand knob 0.916.111 L.H. reference	No
	30-100	cal. 100°C knob max	1050	5x122	No P.R. No o.f.adj. inlet&outlet in line (Blanking plate)	Not drilled screw fitted	No	Black	No	No
	30-100	cal. 100°C knob max	1050	5x122	3-18 mbar Pi 15 Po 11 Flow 1.37 m3/h	Not drilled screw fitted	No	Black	No	No
	20-90	cal.90°C	1050		3-18 mbar Pi 15 Po 11 Flow 1.37 m3/h	Not drilled screw fitted	No	Black	No	No



SPARE PARTS

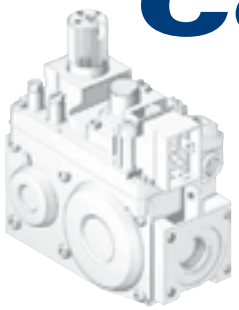
N.	Code	Description	Q.ty	N.	Code	Description	Q.ty
B1	0.958.030	ø 4 mm pilot tube shear-off	10	C7	0.928.086	Thermostat 120-200 °C nickeled	5
B2	0.958.031	ø 6 mm pilot tube shear-off	10	C8	0.928.568	Thermostat 30-90 °C	5
C1	0.928.004	Thermostat 30-90 °C	5	C9	0.928.586	Thermostat 100-200 °C	5
C2	0.928.027	Thermostat 13-38 °C	5	C10	0.928.582	Thermostat 100-340 °C INOX	5
C3	0.928.561	Thermostat 100-340 °C nickeled	5	D1	0.928.102	Thermostat 110-190 °C nickeled	5
C4	0.928.566	Thermostat 60-200 °C nickeled	5				
C5	0.928.567	Thermostat 30-100 °C nickeled	5				
C6	0.928.587	Thermostat 60-200 °C INOX	5				

ACCESSORIES

N.	Code	Description	Q.ty	N.	Code	Description	Q.ty
1	0.903.052	Sand cover + 2 screws and minimum plug	10	4m	0.945.120	Min. rate screw – drilled ø 2.50 mm	10
2a	0.073.203	Sand cover with piezo without index	5	4n	0.945.121	Min. rate screw – drilled ø 2.80 mm	100
2b	0.073.208	Sand cover with piezo left index	5	5	0.925.034	O-ring for flanges	10
3a	0.916.092	Black knob (L.H. reference – SHUT-OFF)	10	6	0.974.074	Rp 1/2" – 3/8" reducer	10
3b	0.916.097	Black knob (L.H. reference – manual)	10	7a	0.906.246	Rp 1/2" elbow flange	10
3c	0.916.101	Black knob (R.H. reference SHUT-OFF)	10	7b	0.906.252	Rp 3/8" elbow flange	10
3d	0.916.117	Black knob (L.H. special reference SHUT-OFF)	100	8a	0.953.302	Screw for elbow flange Rp 3/8" (order 4)	10
3e	0.916.123	Black knob R.H. reference	100	8b	0.953.316	Screw for elbow flange Rp 1/2" (order 2)	10
3f	0.916.124	Black knob L.H. reference	10	9a	0.957.004	ø 10 mm olive	10
4a	0.945.102	Min. rate screw – undrilled	10	9b	0.957.007	ø 12 mm olive	10
4b	0.945.126	Min. rate screw – drilled ø 0.55 mm	10	9c	0.957.008	ø 16 mm olive	10
4c	0.945.108	Min. rate screw – drilled ø 0.80 mm	10	10a	0.958.015	ø 10 mm tube nut	10
4d	0.945.127	Min. rate screw – drilled ø 0.85 mm	10	10b	0.958.025	ø 12 mm tube nut	10
4e	0.945.110	Min. rate screw – drilled ø 1.00 mm	10	10c	0.958.033	ø 12 mm tube nut (L = 32 mm)	100
4f	0.945.111	Min. rate screw – drilled ø 1.10 mm	10	10d	0.958.027	ø 16 mm tube nut	10
4g	0.945.112	Min. rate screw – drilled ø 1.20 mm	10	11	0.974.502	Sealing gland for fryer	10
4h	0.945.113	Min. rate screw – drilled ø 1.30 mm	100	12	0.992.032	Nut for thermostat	10
4i	0.945.124	Min. rate screw – drilled ø 1.60 mm	10				
4l	0.945.177	Min. rate screw – drilled ø 2.20 mm	100				

TECHNICAL FEATURES

Electric Controls



	Safety		Adjustment			
	Thermoelectric	Automatic	On/off	High/low	Modulating	Gas/air
810 ELETTROSIT	●		●			
NOVA SERIES						
820 NOVA	●		●			
822 NOVA		●	●			
824 NOVA	●			●		
825 NOVA	●				●	
826 NOVA		●		●		
827 NOVA		●			●	
822 NOVAMIX		●				●
828 NOVAMIX		●				●
TANDEM SERIES						
830 TANDEM		●	●			
836 TANDEM		●		●		
837 TANDEM		●			●	
SIGMA SERIES						
840 SIGMA		●	●			
843 SIGMA		●		●		
845 SIGMA		●			●	
848 SIGMA		●				●

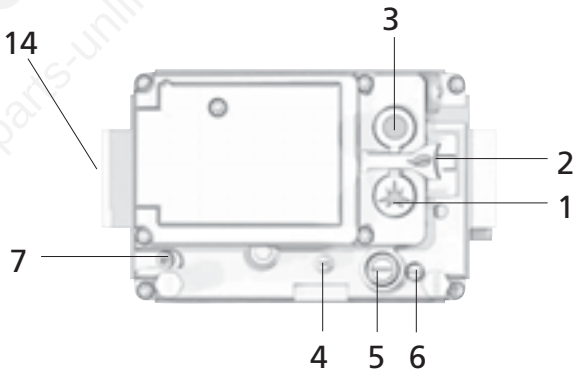
810 ELETTROSIT

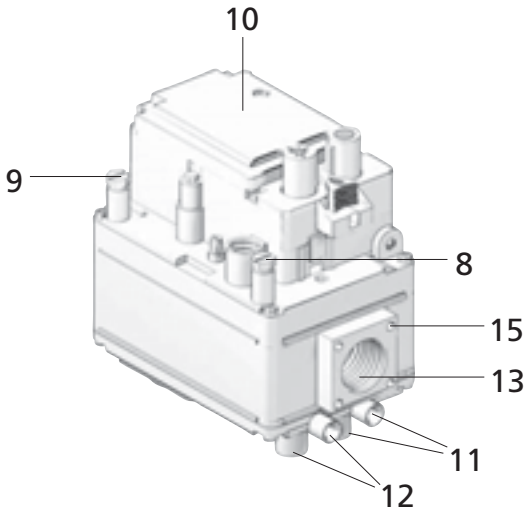
MAIN FEATURES

Ignition button (pilot position) ✸
Main burner ignition enabling button ⬬ (manual or automatic version).
Shutdown button ●
Thermoelectric flame failure device with reset interlock.
Near-silent automatic on-off solenoid valve.
Pressure regulator.
Adjuster for gas flow to the pilot burner.
Step ignition device (optional).
Inlet and pilot filters.
Inlet and outlet pressure test points.
Threaded gas inlet and outlet ready for flanged connection.

DESCRIPTION

1 Ignition button (pilot position)
2 Main burner ignition enabling button
3 Shutdown button
4 Pressure regulator setting device
5 Pilot gas flow adjusting screw
6 Step ignition device adjustment screw
7 Pressure regulator override device
8 Inlet pressure test point
9 Outlet pressure test point
10 On-off solenoid valve
11 Thermocouple connections
12 Pilot outlets
13 Main gas inlet
14 Main gas outlet
15 Holes (M5) for fixing flanges



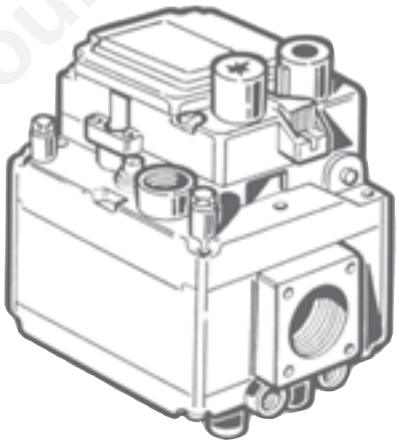


CODES

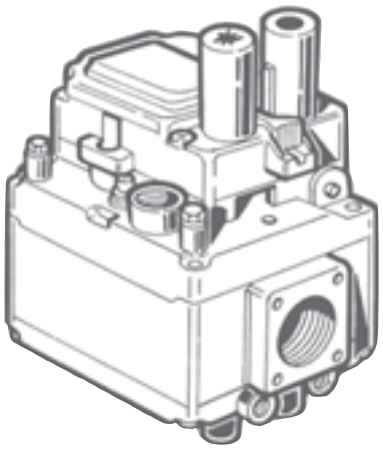
Codes	Ambient Temperature range [°C]	Inlet-outlet connection thread	Thermocouple connection	Pilot outlet and thermocouple	Power supply	Minimum screw drilled (D) [mm]	Buttons configuration	Third button
0810110	0 to 60	3/4”	11/32”	to the base	24 V-50 Hz	2.00	A	automatic
0810121	0 to 60	1/2”	9x1	in line	230 V-50 Hz	no	A	manual
0810122	0 to 60	3/4”	9x1	in line	230 V-50 Hz	no	A	manual
0810123	0 to 60	1/2”	9x1	in line	230 V-50 Hz	no	A	manual
0810126	0 to 60	1/2”	9x1	in line	230 V-50 Hz	no	B	automatic
0810130	0 to 60	1/2”	9x1	to the base	230 V-50 Hz	no	A	manual
0810136	0 to 60	1/2”	9x1	to the base	230 V-50 Hz	no	B	automatic
0810138	0 to 60	3/4”	9x1	to the base	230 V-50 Hz	no	A	manual
0810153	0 to 60	3/4”	11/32”	to the base	230 V-50 Hz	no	A	manual
0810156	0 to 60	1/2”	11/32”	to the base	230 V-50 Hz	no	A	manual
0810158	0 to 60	3/4”	9x1	to the base	230 V-50 Hz	2.60	A	manual
0810162	0 to 60	1/2”	11/32”	to the base	24 V-50 Hz	2	A	automatic
0810166	0 to 60	3/4”	9x1	to the base	230 V-50 Hz	no	A	automatic
0810168	0 to 60	1/2”	11/32”	to the base	24 V-50 Hz	no	A	manual
0810170	0 to 60	1/2”	11/32”	in line	230 V-50 Hz	2	A	manual
0810171	0 to 60	3/4”	9x1	to the base	24 V-50 Hz	no	A	manual
0810174	0 to 60	3/4”	11/32”	to the base	230 V-50 Hz	no	A	manual
0810175	0 to 60	3/4”	9x1	in line	230 V-50 Hz	no	B	manual
0810200	0 to 60	3/4”	11/32”	in line	230 V-50 Hz	1.5	A	manual
0818001	0 to 60	3/4”	/	in line	230 V-50 Hz	yes	/	/

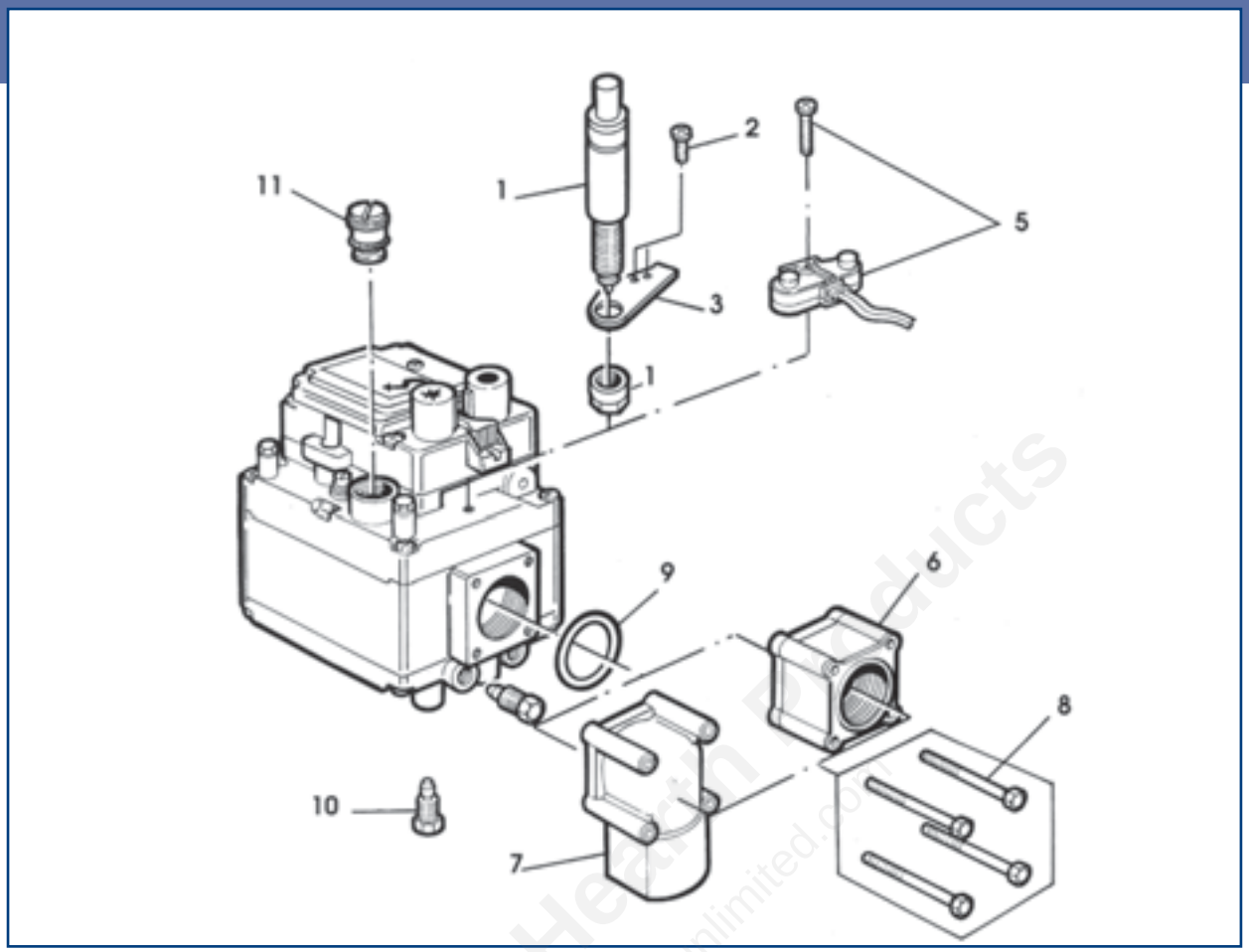
CONFIGURATIONS

A



B





ACCESSORIES

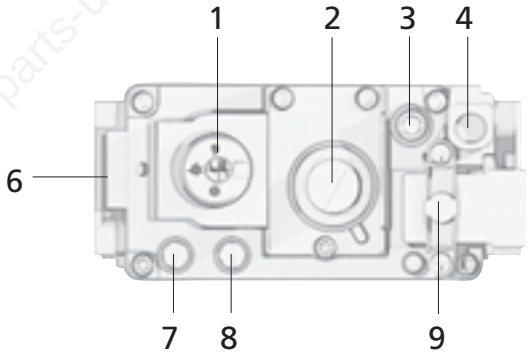
N.	Code	Description	Q.ty	N.	Code	Description	Q.ty
1	0.073.953	Piezo ignition switch	5	7a	0.906.242	Rp 3/4" straight flange	10
2	0.953.303	Screw for support	10	7b	0.906.240	Rp 3/4" elbow flange	10
3	0.978.099	Support for piezo igniter	10	8	0.953.315	Flange screw (4 for flange)	10
5a	0.927.012	Electric ignition switch with cables (L = 920 mm)	10	9	0.925.026	O-ring for flanges	10
				10a	0.958.030	ø 4 mm pilot tube shear-off	10
5b	0.927.011	Electric ignition switch without cables	10	10b	0.958.031	ø 6 mm pilot tube shear-off	10
6a	0.906.241	Rp 1/2" straight flange	10	10c	0.958.032	ø 1/4" pilot tube shear-off	10
6b	0.906.239	Rp 1/2" elbow flange	10	11	0.945.306	Min. rate screw – drilled ø 4 mm	100

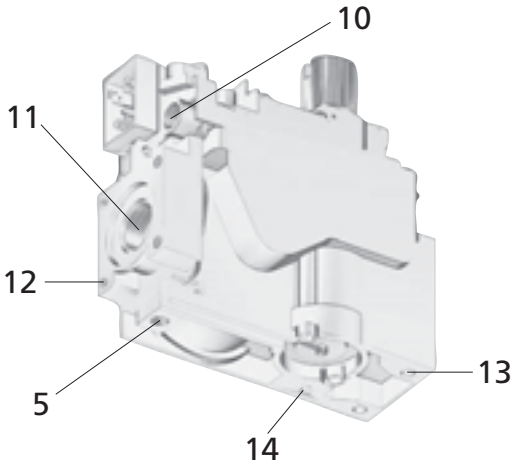
820 NOVA

MAIN FEATURES

- Control knob with Off, Pilot and On positions.
- Thermoelectric flame supervision device with re-start interlock.
- Near silent shut-off valve.
- Servo-controlled pressure regulator.
- Step opening ignition device (optional).
- Main gas flow control (optional).
- Pilot outlet with gas flow adjustment screw.
- Inlet and pilot filters.
- Inlet and outlet pressure test points.
- Threaded gas inlet and outlet with provision for flange connection.
- Connection for combustion chamber pressure regulator compensation.

DESCRIPTION





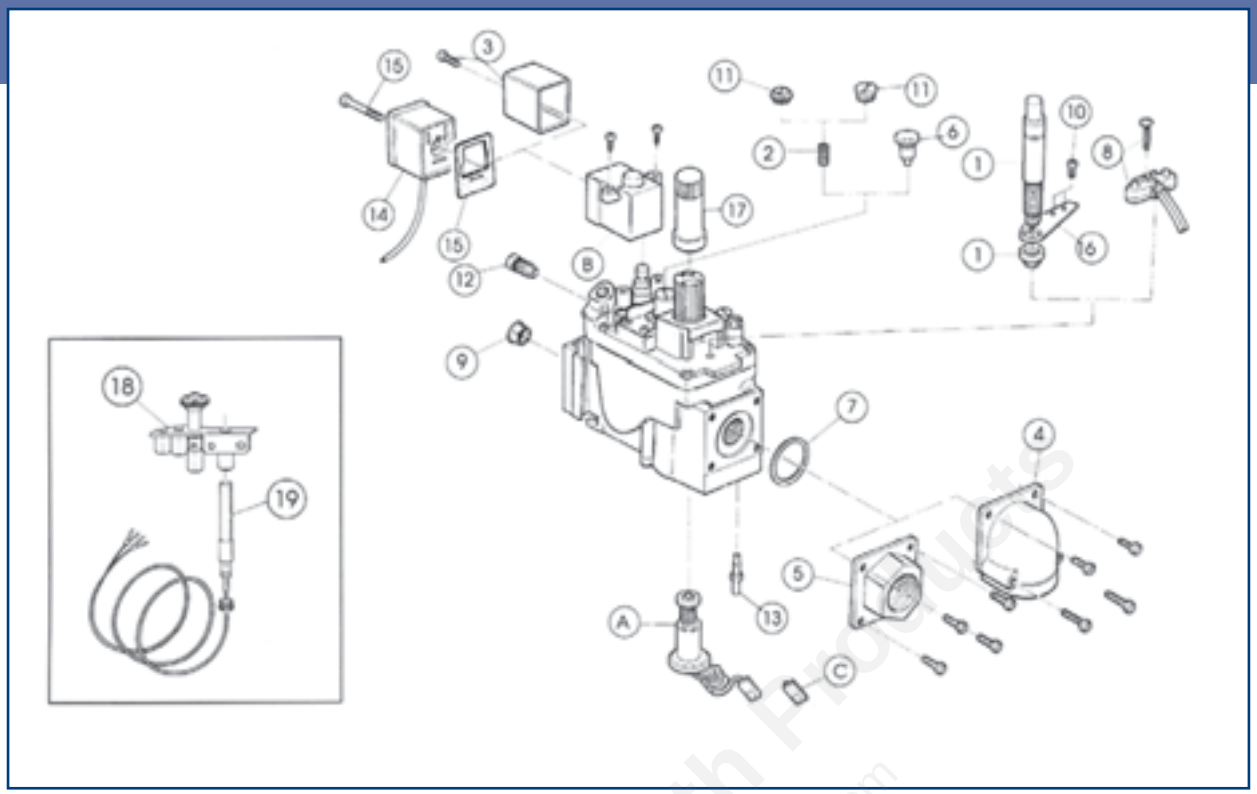
1 Control knob
2 Pressure regulator cap screw
3 Pilot gas rate adjuster
4 Thermocouple connection
5 Alternative thermocouple connection
6 Provision for accessories support bracket
7 Inlet pressure test point
8 Outlet pressure test point
9 Actuation valve
10 Pilot outlet
11 Main gas outlet
12 Holes (M5) for mounting flange
13 Supplementary fixing points for valve
14 Connection point for combustion chamber pressure regulator compensation

CODES

Codes	Ambient Temp. range [°C]	RoHS Version	TC connec-tion	Inlet	Outlet	EV Electric supply	EV Class	Step-opening	Pressure regulator	Pressure regulator plug
0820003	-20÷60		M 9x1	RP 1/2"	RP 1/2"	220/240 V - 50 Hz	D	Standard-First level press. 3÷5 mbar duration 4÷9 sec	Standard 3-30 mbar	blind
0820009	0÷70		M 9x1	RP 1/2"	RP 1/2"	24 V - 50 Hz	D	No step opening	Standard 3-30 mbar	drilled
0820010	0÷70		M 9x1	RP 1/2"	RP 1/2"	220/240 V - 50 Hz	D	Standard-First level press. 3÷5 mbar duration 4÷9 sec	Standard 3-30 mbar	blind
0820011	0÷70		M 9x1	RP 1/2"	RP 1/2"	220/240 V - 50 Hz	D	Special-First level press. 2÷3mbar dur. 6÷14s drilled plug	Standard 3-30 mbar	drilled
0820012			M 9x1	RP 1/2"	RP 1/2"	240 V - 50 Hz		Standard-First level press. 3÷5 mbar duration 4÷9 sec	Standard 3-30 mbar	
0820013	0÷70		M 9x1	RP 1/2"	RP 1/2"	220/240 V - 50 Hz	D	Standard-First level press. 3÷5 mbar duration 4÷9 sec	Standard 3-30 mbar	blind
0820014	0÷70		M 9x1	RP 1/2"	RP 1/2"	220/240 V - 50 Hz	D	Special-First level press. 2÷3mbar dur. 6÷14s standard plug	Standard 3-30 mbar	blind
0820016	0÷70		M 9x1	RP 1/2"	RP 1/2"	24 V - 50 Hz	D	Special-First level press. 2÷3mbar dur. 6÷14s drilled plug	Standard 3-30 mbar	drilled
0820017	0÷70		M 9x1	RP 1/2"	RP 1/2"	220/240 V - 50 Hz	D	Standard-First level press. 3÷5 mbar duration 4÷9 sec	Standard 3-30 mbar	blind
0820018	0÷70		M 9x1	RP 1/2"	RP 1/2"	220/240 V - 50 Hz	D	No step opening	Standard 3-30 mbar	blind
0820019	0÷70		M 9x1	RP 1/2"	RP 1/2"	220/240 V - 50 Hz	D	Special-First level press. 6÷10 mbar duration 4÷9 s	Out of service with PR exclusion screw	exclusion RP
0820020	0÷70		11/32" ASA	RP 1/2"	RP 1/2"	220/240 V - 50 Hz	D	Standard-First level press. 3÷5 mbar duration 4÷9 sec	Standard 3-30 mbar	blind
0820021	0÷70		11/32" ASA	RP 1/2"	RP 1/2"	220/240 V - 50 Hz	D	Standard-First level press. 3÷5 mbar duration 4÷9 sec	Standard 3-30 mbar	blind
0820023			11/32" ASA	RP 1/2"	RP 1/2"	220/240 V - 50 Hz		Special-First level press. 6÷10 mbar duration 4÷9 s	Out of service with PR exclusion screw	
0820025	0÷70		11/32" ASA	RP 1/2"	RP 1/2"	24 V - 50 Hz	D	Standard-First level press. 3÷5 mbar duration 4÷9 sec	Standard 3-30 mbar	blind
0820026	0÷70		11/32" ASA	RP 1/2"	RP 1/2"	24 V - 50 Hz	D	Standard-First level press. 3÷5 mbar duration 4÷9 sec	Standard 3-30 mbar	blind
0820028	0÷70		11/32" ASA	RP 1/2"	RP 1/2"	24 V - 50 Hz	D	No step opening	Standard 3-30 mbar	blind
0820029			M 9x1	RP 1/2"	RP 1/2"	220/240 V - 50 Hz		Special-First level press. 1.2÷2.2 mbar duration 4÷9 s	Standard 3-30 mbar	
0820030			M 9x1	RP 1/2"	RP 1/2"	240 V - 50 Hz		Standard-First level press. 3÷5 mbar duration 4÷9 sec	Standard 3-30 mbar	
0820031	0÷70		M 9x1	RP 1/2"	RP 1/2"	220/240 V - 50 Hz	D	No step opening	5 - 50 mbar	blind
0820032	0÷70		M 9x1	RP 1/2"	RP 1/2"	220/240 V - 50 Hz	D	Special-First level press. 2÷3mbar dur. 6÷14s standard plug	5 - 50 mbar	blind
0820033	0÷70		11/32" ASA	RP 1/2"	RP 1/2"	220/240 V - 50 Hz	D	Special-First level press. 6÷10 mbar duration 4÷9 s	Out of service with PR exclusion screw	blind
0820034	0÷70		M 9x1	RP 1/2"	RP 1/2"	220/240 V - 50 Hz	D	Standard-First level press. 3÷5 mbar duration 4÷9 sec	5 - 50 mbar (set: out of service)	exclusion RP
0820037	0÷70		M 9x1	RP 1/2"	RP 1/2"	24 V - 50 Hz	D	No step opening	5 - 50 mbar	blind
0820042	0÷70		M 9x1	RP 1/2"	RP 1/2"	220/240 V - 50 Hz	D	No step opening	Standard 3-30 mbar	blind
0820050	0÷70		M 9x1	RP 1/2"	RP 1/2"	220/240 V - 50 Hz		Standard-First level press. 3÷5 mbar duration 4÷9 sec	Standard 3-30 mbar	blind
0820052	0÷70		11/32" ASA	RP 1/2"	RP 1/2"	220/240 V - 50 Hz		Standard-First level press. 3÷5 mbar duration 4÷9 sec	Standard 3-30 mbar	blind
0820053	0÷70		11/32" ASA	RP 1/2"	RP 1/2"	220/240 V - 50 Hz		Special-First level press. 2÷3mbar dur. 6÷14s drilled plug	Standard 3-30 mbar	drilled
0820054			M 9x1	RP 1/2"	RP 1/2"	220/240 V - 50 Hz		Standard-First level press. 3÷5 mbar duration 4÷9 sec	Standard 3-30 mbar	blind
0820055	0÷70		11/32" ASA	RP 1/2"	RP 1/2"	220/240 V - 50 Hz		Special-First level press. 7-10 mbar duration 4-9 s	Standard 3-30 mbar	blind
0820056	0÷70		11/32" ASA	RP 1/2"	RP 1/2"	220/240 V - 50 Hz		Special-First level press. 7-10 mbar duration 4-9 s	Standard 3-30 mbar	blind
0820060	0÷70		M 9x1	RP 1/2"	RP 1/2"	220 V - 60 Hz	D	Standard-First level press. 3÷5 mbar duration 4÷9 sec	Standard 3-30 mbar	blind
0820062			11/32" ASA	RP 1/2"	RP 1/2"	220/240 V - 50 Hz		No step opening	5 - 50 mbar	
0820063			11/32" ASA	RP 1/2"	RP 1/2"	220/240 V - 50 Hz		Standard-First level press. 3÷5 mbar duration 4÷9 sec	5 - 50 mbar	
0820125	0÷70		11/32" ASA	RP 1/2"	RP 1/2"	24 V - 50 Hz	D	Standard-First level press. 3÷5 mbar duration 4÷9 sec	Standard 3-30 mbar	blind
0820126	0÷70		11/32" ASA	RP 1/2"	RP 1/2"	24 V - 50 Hz	D	Special-First level press. 2÷3mbar dur. 6÷14s standard plug	Standard 3-30 mbar	blind
0820301	0÷70		M 9x1	RP 1/2"	RP 1/2"	Millivoltage version	/	No step opening	5 - 50 mbar (set: out of service)	blind
0820302			M 9x1	RP 1/2"	RP 1/2"	Millivoltage version		No step opening	Standard 3-30 mbar	
0820303	0÷70		M 9x1	RP 1/2"	RP 1/2"	Millivoltage version	/	Standard-First level press. 3÷5 mbar duration 4÷9 sec	Standard 3-30 mbar	blind
0820331			M 9x1	RP 1/2"	RP 1/2"	Millivoltage version		No step opening	Manual HI-LO 25% for LPG (Europe version)	
0820332			M 9x1	RP 1/2"	RP 1/2"	Millivoltage version		No step opening	Manual HI-LO 33% for N. G. (Europe version)	

Codes	Ambient Temp. range [°C]	RoHS Version	TC connec-tion	Inlet	Outlet	EV Electric supply	EV Class	Step-opening	Pressure regulator	Pressure regulator plug
0820333			M 9x1	RP 1/2"	RP 1/2"	Millivoltage version		Standard-First level press. 3÷5 mbar duration 4÷9 sec	Manual HI-LO 20% for N. G. (Europe version)	
0820522	0÷70		11/32" ASA	1/2" NPT	1/2" NPT	24 V - 60 Hz	/	Standard-First level press. 3÷5 mbar duration 4÷9 sec	N. G. version (set at 3.5" Pi=7" Q=30000 Btu)	blind
0820605			11/32" ASA	3/8" NPT	3/8" NPT	Millivoltage version		No step opening	Manual HI-LO NG (set at 3.8" Pi=7" Q=30000 Btu) LO 1.1"	
0820615			M 8x1	3/8" NPT	3/8" NPT	Millivoltage version		No step opening	LPG version (set at 10" Pi=12" Q=30000 Btu)	
0820616			M 8x1	3/8" NPT	3/8" NPT	Millivoltage version		No step opening	N. G. version (set at 3.5" Pi=7" Q=30000 Btu)	
0820617			11/32" ASA	3/8" NPT	3/8" NPT	Millivoltage version		No step opening	LPG version (set at 10" Pi=12" Q=30000 Btu)	
0820618			11/32" ASA	3/8" NPT	3/8" NPT	Millivoltage version		No step opening	N. G. version (set at 3.5" Pi=7" Q=30000 Btu)	
0820634			11/32" ASA	3/8" NPT	3/8" NPT	Millivoltage version		No step opening	Manual HI-LO 33% for N. G. (set at 3.5" Pi=7" Q=30000 Btu)	
0820635			11/32" ASA	3/8" NPT	3/8" NPT	Millivoltage version		No step opening	Manual HI-LO 20% for N. G. (set at 3.5" Pi=7" Q=30000 Btu)	
0820636			M 8x1	3/8" NPT	3/8" NPT	Millivoltage version		No step opening	Manual HI-LO 25% for LPG (set at 10" Pi=12" Q=30000 Btu)	
0820637			M 8x1	3/8" NPT	3/8" NPT	Millivoltage version		No step opening	Manual HI-LO 33% for N. G. (set at 3.5" Pi=7" Q=30000 Btu)	
0820638			M 8x1	3/8" NPT	3/8" NPT	Millivoltage version		No step opening	Manual HI-LO 20% for N. G. (set at 3.5" Pi=7" Q=30000 Btu)	
0820639			11/32" ASA	3/8" NPT	3/8" NPT	Millivoltage version		No step opening	Manual HI-LO 25% for LPG (set at 10" Pi=12" Q=30000 Btu)	
0820640			11/32" ASA	3/8" NPT	3/8" NPT	Millivoltage version		No step opening	Manual HI-LO 33% for N. G. (set at 3.5" Pi=7" Q=30000 Btu)	
0820644			11/32" ASA	3/8" NPT	3/8" NPT	Millivoltage version		No step opening	Manual HI-LO NG (set at 3.8" Pi=7" Q=30000 Btu) LO 1.1"	
0820645			11/32" ASA	3/8" NPT	3/8" NPT	Millivoltage version		No step opening	Manual HI-LO LPG (set at 11" Pi=16" Q=30000 Btu) LO 2.9"	
0820646			M 8x1	3/8" NPT	3/8" NPT	Millivoltage version		No step opening	Manual HI-LO 33% for N. G. (set at 5" Pi=7" Q=30000 Btu)	
0820647			M 8x1	3/8" NPT	3/8" NPT	Millivoltage version		No step opening	Manual HI-LO LPG (set at 10" Pi=12" Q=30000 Btu) LO 3.6"	
0820648			M 8x1	3/8" NPT	3/8" NPT	Millivoltage version		No step opening	Manual HI-LO NG (set at 3.5" Pi=7" Q=30000 Btu) LO 1.3"	
0820651			11/32" ASA	3/8" NPT	3/8" NPT	Millivoltage version		No step opening	Manual HI-LO 25% for LPG (set at 10" Pi=12" Q=30000 Btu)	
0820652			11/32" ASA	3/8" NPT	3/8" NPT	Millivoltage version		No step opening	Manual HI-LO 33% for N. G. (set at 3.5" Pi=7" Q=30000 Btu)	
0820653			11/32" ASA	3/8" NPT	3/8" NPT	Millivoltage version		No step opening	Manual HI-LO LPG (set at 10" Pi=12" Q=30000 Btu) LO 3.6"	
0820654			11/32" ASA	3/8" NPT	3/8" NPT	Millivoltage version		No step opening	Manual HI-LO NG (set at 3.5" Pi=7" Q=30000 Btu) LO 0.9"	
0820656			11/32" ASA	3/8" NPT	3/8" NPT	Millivoltage version		No step opening	N. G. version (set at 3.5" Pi=7" Q=30000 Btu)	
0820657			11/32" ASA	3/8" NPT	3/8" NPT	Millivoltage version		No step opening	LPG version (set at 10" Pi=12" Q=30000 Btu)	
0820658			11/32" ASA	1/2" NPT	1/2" NPT	Millivoltage version		No step opening	N. G. version (set at 4" Pi=7" Q=100000 Btu)	

Codes	Ambient Temp. range [°C]	RoHS Version	TC connec-tion	Inlet	Outlet	EV Electric supply	EV Class	Step-opening	Pressure regulator	Pressure regulator plug
0820659			11/32" ASA	1/2" NPT	1/2" NPT	Millivoltage version		No step opening	LPG version (set at 11" Pi=12" Q=100000 Btu)	
0820662			11/32" ASA	3/8" NPT	3/8" NPT	Millivoltage version		No step opening	N. G. version (set at 3.5" Pi=7" Q=30000 Btu) Conv. to LPG	
0820703			11/32" ASA	3/8" NPT	3/8" NPT	Millivoltage version		No step opening	Manual HI-LO NG (set at 3.5" Pi=7" Q=30000 Btu) LO 0.9"	
0820704			11/32" ASA	3/8" NPT	3/8" NPT	Millivoltage version		No step opening	Manual HI-LO 33% for N. G. (set at 3.5" Pi=7" Q=30000 Btu)	
0820705			11/32" ASA	3/8" NPT	3/8" NPT	Millivoltage version		No step opening	Manual HI-LO 25% for LPG (set at 10" Pi=12" Q=30000 Btu)	
0820706			11/32" ASA	3/8" NPT	3/8" NPT	Millivoltage version		No step opening	Manual HI-LO 20% NG (set at 3.5" Pi=7" Q=30000 Btu) Blue dot	
0820707			11/32" ASA	3/8" NPT	3/8" NPT	Millivoltage version		No step opening	Manual HI-LO LPG (set at 10" Pi=12" Q=30000 Btu) LO 3.6"	
0820708			11/32" ASA	3/8" NPT	3/8" NPT	Millivoltage version		No step opening	Manual HI-LO NG (set at 3.5" Pi=7" Q=30000 Btu) LO 1.3"	
0820805			11/32" ASA	3/8" NPT	3/8" NPT	Millivoltage version		No step opening	NG 3.8"-1.1" & LPG 11-2.9"	
0820844			11/32" ASA	3/8" NPT	3/8" NPT	Millivoltage version		No step opening	NG 3.8"-1.1" & LPG 11-2.9"	
0820852			11/32" ASA	3/8" NPT	3/8" NPT	Millivoltage version		No step opening	NG 3.5"-1.6" & LPG 10"-6.3"	
0820880			11/32" ASA	3/8" NPT	3/8" NPT	Millivoltage version		No step opening	NG 3.5"-1.3" & LPG 10"-5.2"	



SPARE PARTS

N.	Code	Description	Q.ty	N.	Code	Description	Q.ty
A	0.006.245	Magnet unit with lead-faston and insulating plate	5	B3	0.967.066	EV2 220-240 V – 50 Hz solenoid with top exit and screws	5
B1	0.967.064	EV2 220-240 V – 50 Hz solenoid and screws	5	B4	0.967.079	EV2 220 – 60 Hz solenoid and screws	20
B2	0.967.065	EV2 24V – 50 Hz solenoid and screws	5	C	0.994.014	Thermocouple insulating plate connection	100

ACCESSORIES

N.	Code	Description	Q.ty	N.	Code	Description	Q.ty
1	0.073.953	Piezoelectric ignition switch with nut	5	10	0.953.304	M4x25 screw for piezo support	100
2	0.900.195	Pressure regulator spring 20-50 mbar	10	11a	0.954.034	P.R. plug for L.P.G. use	10
3	0.903.094	Cover for EV2 solenoid including screw	10	11b	0.954.043	Pressure regulator plug	100
4a	0.906.258	Rp 3/4" elbow flange with O-ring and 4 screws	10	12a	0.958.030	ø 4 mm pilot tube shear-off	10
5a	0.906.259	Rp 3/4" straight flange with O-ring and 4 screws	10	12b	0.958.031	ø 6 mm pilot tube shear-off	10
4b	0.906.260	Rp 1/2" elbow flange with O-ring and 4 screws	10	12c	0.958.032	ø 1/4" pilot tube shear-off	10
5d	0.906.261	Rp 1/2" straight flange with O-ring and 4 screws	10	13a	0.958.057	N.G. vent connection	100
4c	0.906.264	1/2" elbow flange	100	13b	0.958.058	L.P.G. vent connection (where expected)	100
5c	0.906.269	Rp 1/2" straight flange	100	14a	0.960.103	EV2 plug and lead L = 1,000 mm	10
6	0.907.037	Pressure regulator exclusor	10	15	0.960.104	EV2 M3x25 screw and gasket for plug and lead	10
7	0.925.054	O-ring for flange	10	14b	0.960.110	EV2 plug and lead L = 600 mm terminal 6.3 x 0.8 mm	20
8a	0.927.011	Electric ignition switch without cables	10	14c	0.960.115	EV2 plug L = 1,000 mm earth hole larger- no earth cable	20
8b	0.927.012	Electric ignition switch with cables (L = 920 mm)	10	16	0.978.099	Support for piezo igniter	10
9	0.947.033	Outlet filter	100	17a	0.999.957	Extended knob (57 mm)	10
				17b	0.999.975	Extended knob (75 mm)	10

ACCESSORIES for 820 NOVA mV

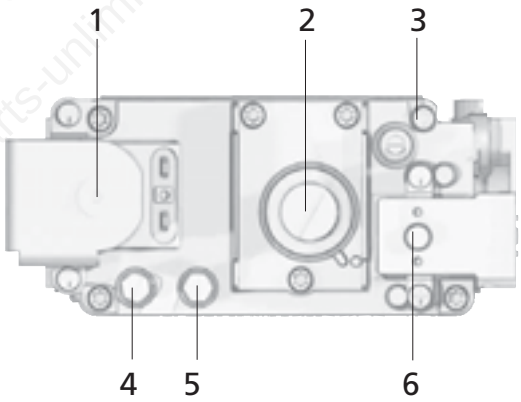
N.	Code	Description	Q.ty
18	0.190.603	Pilot burner	10
19a	0.940.001	Millivoltage generator L = 480 mm	10
19b	0.940.002	Millivoltage generator L = 580 mm	10

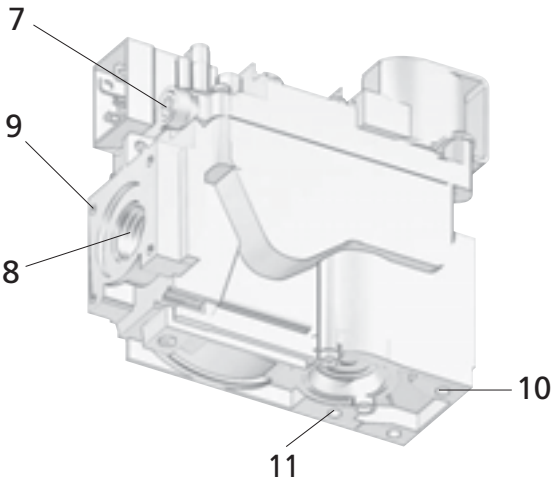
822 NOVA

MAIN FEATURES

- Two near-silent automatic shut-off valves.
- Servo-controlled pressure regulator.
- Step ignition device (optional).
- Pilot outlet with gas flow restrictor.
- Inlet and pilot filters.
- Inlet and outlet pressure test points.
- Threaded gas inlet and outlet with provision for flange connection.
- Connection for pressure regulator/combustion chamber compensation.

DESCRIPTION



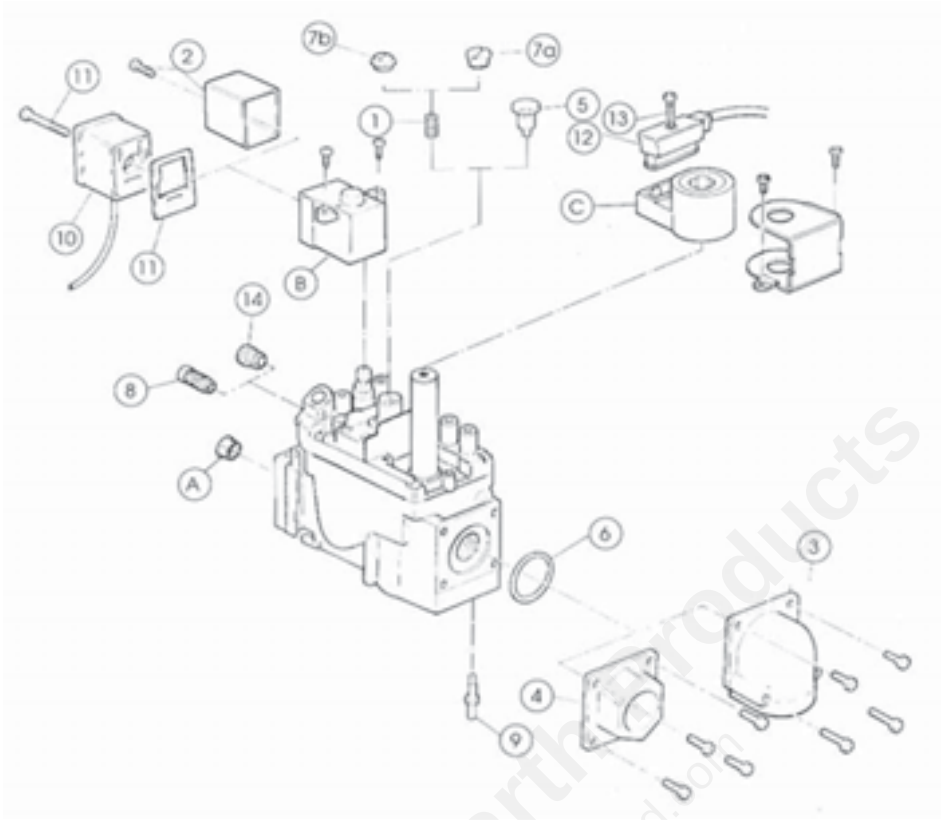


1 Shut-off solenoid valve EV1
2 Pressure regulator setting device
3 Pilot gas flow restrictor
4 Inlet pressure test point
5 Outlet pressure test point
6 Shut-off solenoid valve EV2
7 Pilot outlet
8 Main gas outlet
9 Holes (M5) for fixing flanges
10 Supplementary valve body fixing points
11 Connection for pressure regulator/ combustion chamber compensation

CODES

Codes	Ambient Temperature range [°C]	Inlet	Outlet	EV Electric supply	EV Class	Step-opening	Pilot outlet nut
0822001		Rp 1/2	Rp 1/2	220/240 V - 50 Hz	B+D	No step-opening	Plug fitted -20°C (M10x1 code 3172067)
0822002		Rp 1/2	Rp 1/2	220/240 V - 50 Hz	B+D	Special-first level pressure 6÷10 mbar duration 4÷9 sec	Plug fitted -20°C (M10x1 code 3172067)
0822072		3/8 NPT	3/8 NPT	24 V - 60 Hz	B+D	NO step-opening, Press. regul. LPG (12" 10" 30000BTU)	Shear-off nut fitted 7/16 UNS 1/4 (code 0958042)
0822073		3/8 NPT	3/8 NPT	24 V - 60 Hz	B+D	NO step-opening, Press. regul. NG (7" 3.5" 30000BTU)	Shear-off nut fitted 7/16 UNS 1/4 (code 0958042)
0822110		Rp 1/2	Rp 1/2	220/240 V - 50 Hz	B+D	Standard-first level pressure 3÷5 mbar duration 4÷9 sec	Not fitted
0822111		Rp 1/2	Rp 1/2	220/240 V - 50 Hz	B+D	Special-first level press.2÷3mbar dur.6÷14sec drilled plug	Not fitted
0822112		Rp 1/2	Rp 1/2	220/240 V - 50 Hz	B+D	Special-first level pressure 6÷10 mbar duration 4÷9 sec	Plug fitted (M10x1 code 0.972.041)
0822113		Rp 1/2	Rp 1/2	220/240 V - 50 Hz	B+D	Standard-first level pressure 3÷5 mbar duration 4÷9 sec	Plug fitted (M10x1 code 0.972.041)
0822114		Rp 1/2	Rp 1/2	220/240 V - 50 Hz	B+D	No step-opening	Plug fitted (M10x1 code 0.972.041)
0822115		Rp 1/2	Rp 1/2	220/240 V - 50 Hz	B+D	Special-first level press.2÷3mbar dur.6÷14sec normal plug	Plug fitted (M10x1 code 0.972.041)
0822117		Rp 1/2	Rp 1/2	220/240 V - 50 Hz	B+D	Standard-first level pressure 3÷5 mbar duration 4÷9 sec	Not fitted
0822118		Rp 1/2	Rp 1/2	220/240 V - 50 Hz	B+D	Special-first level pressure 6÷10 mbar duration 4÷9 sec	Plug fitted (M10x1 code 0.972.041)
0822119		Rp 1/2	Rp 1/2	220/240 V - 50 Hz	B+D	No step-opening	Plug fitted (M10x1 code 0.972.041)
0822120		Rp 1/2	Rp 1/2	220/240 V - 50 Hz	B+D	Standard-first level pressure 7÷10 mbar duration 4÷9 sec	Plug fitted (M10x1 code 0.972.041)
0822121		Rp 1/2	Rp 1/2	220/240 V - 50 Hz	B+D	Special-first level press.2÷3mbar dur.6÷14sec normal plug	Plug fitted (M10x1 code 0.972.041)
0822122		Rp 1/2	Rp 1/2	220/240 V - 50 Hz	B+C	No step-opening	Plug fitted (M10x1 code 0.972.041)
0822123		Rp 1/2	Rp 1/2	220/240 V - 50 Hz	B+D	Special-first level press.2÷3mbar dur.6÷14sec drilled plug	Not fitted
0822124		Rp 1/2	Rp 1/2	220/240 V - 50 Hz	B+D	Special-first level pressure 6÷10 mbar duration 4÷9 sec	Plug fitted (M10x1 code 0.972.041)
0822125		Rp 1/2	Rp 1/2	220/240 V - 50 Hz	B+D	Special-first level press.2÷3mbar drilled plug, 2 orifice	Plug fitted (M10x1 code 0.972.041)
0822126		Rp 1/2	Rp 1/2	220/240 V - 50 Hz	B+D	No step-opening	Plug fitted (M10x1 code 0.972.041)
0822127		Rp 1/2	Rp 1/2	220/240 V - 50 Hz	B+D	No step-opening	Plug fitted (M10x1 code 0.972.041)
0822128		Rp 1/2	Rp 1/2	220/240 V - 50 Hz	B+D	Special-first level pressure 7÷10 mbar duration 4÷9 sec	Plug fitted (M10x1 code 0.972.041)
0822130		Rp 1/2	Rp 1/2	24 V - 50 Hz	B+D	Standard-first level pressure 3÷5 mbar duration 4÷9 sec	Not fitted
0822132		Rp 1/2	Rp 1/2	24 V - 50 Hz	B+D	No step-opening	Plug fitted (M10x1 code 0.972.041)

Codes	Ambient Temperature range [°C]	Inlet	Outlet	EV Electric supply	EV Class	Step-opening	Pilot outlet nut
0822133		Rp 1/2	Rp 1/2	220/240 V - 50 Hz	B+D	Special-first level pressure 4.5÷6.5 mbar duration7÷11 sec	Plug fitted (M10x1 code 0.972.041)
0822160		Rp 1/2	Rp 1/2	220 V - 60 Hz	B+D	Standard-first level pressure 3÷5 mbar duration 4÷9 sec	Not fitted
0822631		3/8 NPT	3/8 NPT	24 V - 60 Hz	B+D	NO step-opening, manual HI-LO 25% LPG (12" 10" 30000BTU)	Not fitted
0822632		3/8 NPT	3/8 NPT	24 V - 60 Hz	B+D	NO step-opening, manual HI-LO 33% NG (7" 3.5" 30000BTU)	Not fitted
0822633		3/8 NPT	3/8 NPT	24 V - 60 Hz	B+D	NO step-opening, manual HI-LO 20% NG (7" 3.5" 30000BTU)	Shear-off nut fitted 7/16 UNS 1/4 (code 0958042)
0822634		3/8 NPT	3/8 NPT	24 V - 60 Hz	B+D	NO step-opening, manual HI-LO 33% NG (7" 3.5" 30000BTU) Lo=1,3	Not fitted



SPARE PARTS

N.	Code	Description	Q.ty	N.	Code	Description	Q.ty
A	0.947.033	Outlet filter	100	C1	0.967.128	EV1, 220/240 V, 50 Hz solenoid	5
B1	0.967.064	EV2, 220/240 V, 50 Hz solenoid and screws	5	C2	0.967.132	EV1, 24 V, 50 Hz solenoid	5
B2	0.967.066	EV2, 220/240 V, 50 Hz solenoid with top exit and screws	5	C3	0.967.133	EV1, 220 V, 60 Hz solenoid	5
B3	0.967.065	EV2, 24 V, 50 Hz solenoid and screws	5	C4	0.967.134	EV1, 24 V, 60 Hz solenoid	5

ACCESSORIES

N.	Code	Description	Q.ty	N.	Code	Description	Q.ty
1	0.900.195	Pressure regulator spring 20-50 mbar	10	9b	0.958.058	L.P.G. vent connection	100
2	0.903.094	Cover for EV2 solenoid including screw	10	10-12	0.960.126	EV1-EV2 double plug and lead L = 610 mm	20
3a	0.906.258	Rp 3/4" elbow flange with O-ring and 4 screws	10	10a	0.960.103	EV2 plug and lead L = 1,000 mm	10
3b	0.906.260	Rp 1/2" elbow flange with O-ring and 4 screws	10	10b	0.960.110	EV2 plug and lead L = 600 mm terminal 6.3 x 0.8 tab	20
4a	0.906.259	Rp 3/4" straight flange with O-ring and 4 screws	10	10c	0.960.115	EV2 plug L = 1,000 mm earth hole, larger- no earth cable	20
4b	0.906.261	Rp 1/2" straight flange with O-ring and 4 screws	10	11	0.960.104	EV2 M3x25 screw and gasket for plug and lead	10
5	0.907.037	Pressure regulator exclusor	10	12a	0.960.117	EV1 plug and lead L = 905 mm	10
6	0.925.054	O-ring per flange	10	12b	0.960.119	EV1 tinned plug and lead L = 1,090 mm	10
7a	0.954.034	P.R. plug for L.P.G. use	10	12c	0.960.120	EV1 tinned plug and lead L = 540 mm	10
7b	0.954.043	P.R. plug for 0.822.111		12d	0.960.121	EV1 plug and lead L = 540 mm	10
8a	0.958.030	ø 4 mm pilot tube shear-off	10	12e	0.960.122	EV1 plug and lead L = 450 mm	10
8b	0.958.031	ø 6 mm pilot tube shear-off	10	12f	0.960.129	EV1 plug and lead L = 300 mm	20
8c	0.958.032	ø 1/4" pilot tube shear-off	10	12g	0.960.128	EV1 plug and lead L = 140 mm	20
9a	0.958.057	N.G. vent connection	100	13	0.960.125	EV1 M3x22 screw for plug and lead	10
				14	0.972.041	Plug for the pilot outlet M10x1 with O-ring	10

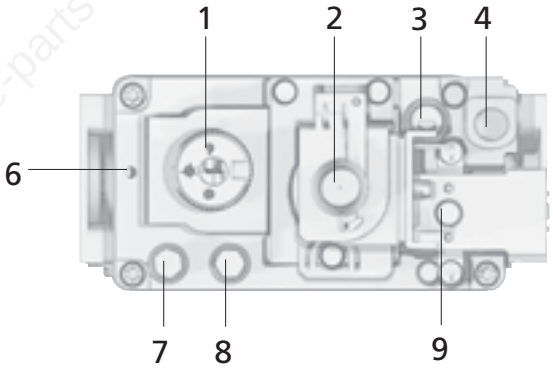
824-825 NOVA

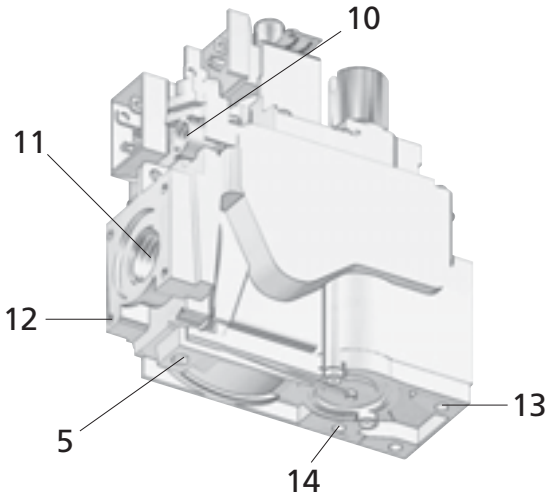
MAIN FEATURES

- Electric gas flow modulating device with mechanical adjuster for minimum and maximum gas outlet pressure: stepped (824 NOVA) or continuous (825 NOVA).
- Three position (off, pilot, on) control knob.
- Thermoelectric flame failure device with restart interlock.
- Near-silent automatic shut-off valve.
- Servo-controlled pressure regulator.
- Step ignition device (optional).
- Pilot outlet with gas flow restrictor.
- Inlet and pilot filters.
- Inlet and outlet pressure test points.
- Threaded gas inlet and outlet with provision for flange connection.
- Connection for pressure regulator/combustion chamber compensation.

DESCRIPTION

1 Control knob
2 Gas pressure modulating device
3 Adjustment screw for gas flow to the pilot
4 Thermocouple connector
5 Alternative thermocouple connector
6 Provision for accessories support bracket
7 Inlet pressure test point
8 Outlet pressure test point
9 ON-OFF solenoid valve
10 Pilot outlet
11 Main gas outlet
12 Holes (M5) for fixing flanges
13 Supplementary valve body fixing points
14 Connection for pressure regulator/ combustion chamber compensation





CODES

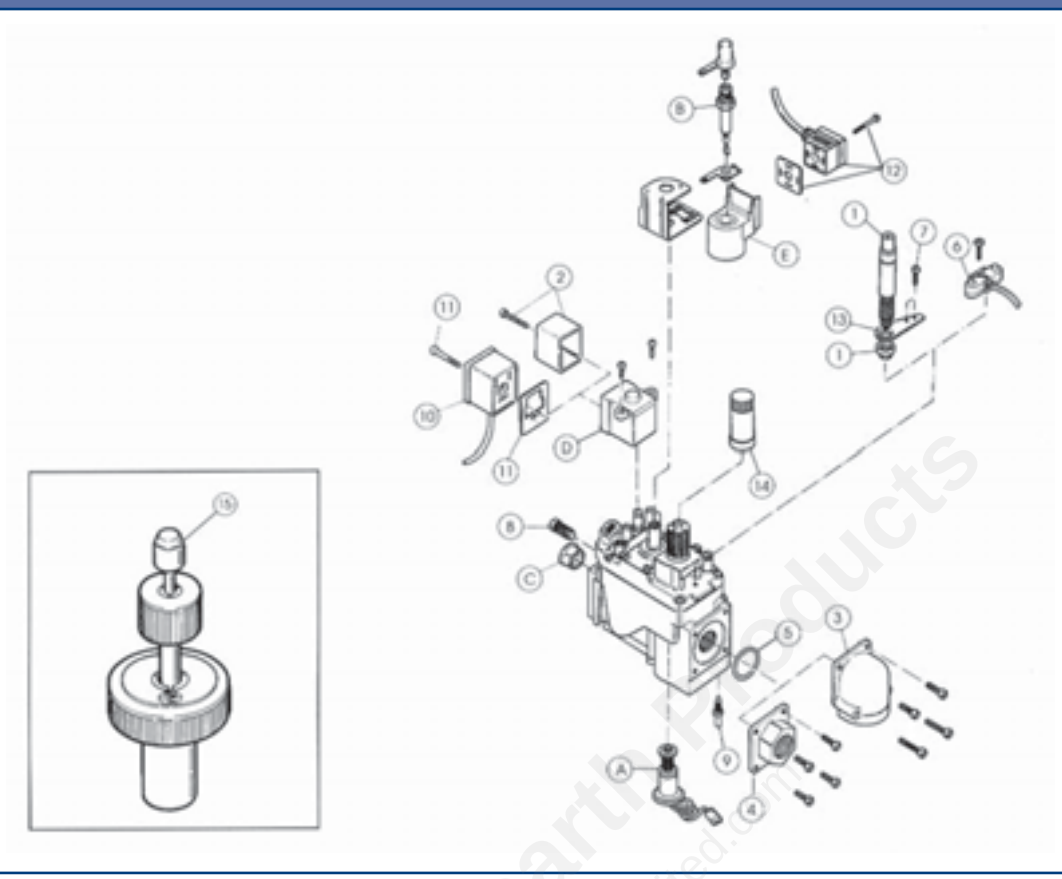
824 NOVA

Codes	Ambient Temperature range [°C]	Inlet	Outlet	EV Electric supply	EV Class	TC connection	Pressure regulator	Step opening
0824010	0 to 60	Rp 1/2	Rp 1/2	220/240 V - 50 Hz	D	M 9x1	2-50 mbar - (black screw) (green solenoid) 230 V	Standard step opening: 3÷5 mbar
0824011	0 to 60	Rp 1/2	Rp 1/2	220/240 V - 50 Hz	D	M 9x1	2-50 mbar - (black screw) (green solenoid) 230 V	No step opening
0824012	0 to 60	Rp 1/2	Rp 1/2	220/240 V - 50 Hz	D	11/32 ASA	2-50 mbar - (black screw) (green solenoid) 230 V	Standard step opening: 3÷5 mbar
0824013	0 to 60	Rp 1/2	Rp 1/2	24 V - 50 Hz	D	M 9x1	2-50 mbar - (black screw) (brown solenoid) 24 V	No step opening

825 NOVA

Codes	Ambient Temperature range [°C]	Inlet	Outlet	EV Electric supply	EV Class	TC connection	Pressure regulator	Step opening
0825010		Rp 1/2	Rp 1/2	220/240 V - 50 Hz	D	11/32" ASA	2-20 mbar 28V	Standard step opening (3÷5 mbar)
0825011		Rp 1/2	Rp 1/2	220/240 V - 50 Hz	D	M9x1	3-37 mbar 28V	Standard step opening (3÷5 mbar)
0825013		Rp 1/2	Rp 1/2	220/240 V - 50 Hz	D	M9x1 with ECO connection	2-20 mbar 28V and special calibration (3.5 - 15 mbar)	Standard step opening (3÷5 mbar)
0825015		Rp 1/2	Rp 1/2	220/240 V - 50 Hz	D	11/32" ASA	3-37 mbar 28V	Standard step opening (3÷5 mbar)
0825017		Rp 1/2	Rp 1/2	220/240 V - 50 Hz	D	11/32" ASA	3-37 mbar 28V	No step opening
0825018		Rp 1/2	Rp 1/2	220/240 V - 50 Hz	D	M9x1	3-37 mbar 16V	Standard step opening (3÷5 mbar)
0825019		Rp 1/2	Rp 1/2	220/240 V - 50 Hz	D	11/32" ASA	2-18 mbar 16V white solenoid	Standard step opening (3÷5 mbar)
0825020		Rp 1/2	Rp 1/2	220/240 V - 50 Hz	D	M9x1	3-37 mbar 16V	Special step opening (2÷3mbar)
0825021		Rp 1/2	Rp 1/2	220/240 V - 50 Hz	D	M9x1	3-37 mbar 16V	No step opening
0825023		Rp 1/2	Rp 1/2	220/240 V - 50 Hz	D	11/32" ASA	3-37 mbar 28V	Standard step opening (3÷5 mbar)
0825024		Rp 1/2	Rp 1/2	220/240 V - 50 Hz	D	M9x1 with ECO connection	2-20 mbar 28V and special calibration (3.5 - 15 mbar)	Standard step opening (3÷5 mbar)
0825030		Rp 1/2	Rp 1/2	24 V - 50 Hz	D	M9x1	2-20 mbar 28V	Standard step opening (3÷5 mbar)
0825031		Rp 1/2	Rp 1/2	24 V - 50 Hz	D	M9x1	3-37 mbar 28V	Standard step opening (3÷5 mbar)
0825032		Rp 1/2	Rp 1/2	24 V - 50 Hz	D	M9x1	7-50 mbar 28V	Standard step opening (3÷5 mbar)
0825036		Rp 1/2	Rp 1/2	24 V - 50 Hz	D	11/32" ASA	3-37 mbar 28V	Standard step opening (3÷5 mbar)
0825039		Rp 1/2	Rp 1/2	24 V - 50 Hz	D	11/32" ASA	2-20 mbar 28V and special calibration (3.15 - 16.15 mbar)	Special step opening (2÷3mbar)

Codes	Ambient Temperature range [°C]	Inlet	Outlet	EV Electric supply	EV Class	TC connection	Pressure regulator	Step opening
0825634		3/8 NPT	3/8 NPT	Millivoltage version	D	11/32" ASA	4-9 mbar 28V	No step opening
0825635		3/8 NPT	3/8 NPT	Millivoltage version	D	11/32" ASA	3.3-9 mbar 28V	No step opening
0825636		3/8 NPT	3/8 NPT	Millivoltage version	D	11/32" ASA	9-25 mbar 28V	No step opening



SPARE PARTS

N.	Code	Description	Q.ty
A	0.006.245	Magnet unit with lead-faston and insulating plate	5
B1	0.928.850	Modulating cartridge 2-20 mbar (825 NOVA)	5
B2	0.928.851	Modulating cartridge 3-37 mbar (825 NOVA)	5
B3	0.928.852	Modulating cartridge 7-50 mbar (825 NOVA)	5
C	0.947.033	Outlet filter	100
D1	0.967.064	EV2, 220/240 V, 50 Hz solenoid and screws	5
D2	0.967.065	EV2, 24 V, 50 Hz solenoid and screws	5
D3	0.967.066	EV2, 220/240 V, 50 Hz solenoid with top exit and screws	5
E1	0.967.135	220 V modulating solenoid (824 NOVA) rectified AC	5
E2	0.967.097	Modulating solenoid for 825 NOVA	5

ACCESSORIES

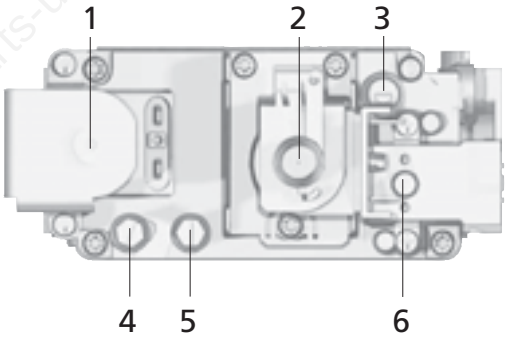
N.	Code	Description	Q.ty
1	0.073.953	Piezoelectric ignition switch with nut	5
2	0.903.094	Cover for EV2 solenoid including screw	10
3a	0.906.258	Rp 3/4" elbow flange with O-ring and 4 screws	10
3b	0.906.260	Rp 1/2" elbow flange with O-ring and 4 screws	10
4a	0.906.259	Rp 3/4" straight flange with O-ring and 4 screws	10
4b	0.906.261	Rp 1/2" straight flange with O-ring and 4 screws	10
5	0.925.054	O-ring for flange	10
6a	0.927.011	Electric ignition switch without cables	10
6b	0.927.012	Electric ignition switch with cables (L = 920 mm)	10
7	0.953.303	M4x8 screw for piezo support	10
8a	0.958.030	ø 4 mm pilot tube shear-off	10
8b	0.958.031	ø 6 mm pilot tube shear-off	10
8c	0.958.032	ø 1/4" pilot tube shear-off	10
8d	0.974.132	Pilot adapter M10x1 - 7/16 UNS	100
9	0.958.057	N.G. vent connection	100
10a	0.960.103	EV2 plug and lead L = 1,000 mm	10
10b	0.960.110	EV2 plug and lead L = 600 mm terminal 6.3 x 0.8 tab	20
10c	0.960.115	EV2 plug L = 1,000 mm earth hole larger – no earth cable	20
11	0.960.104	EV2 M3x25 screw and gasket for plug and lead	10
12	0.960.118	Step modulator plug with integrated rectified circuit (824)	5
13	0.978.099	Support for piezo igniter	10
14a	0.999.957	Extended knob (57 mm)	10
14b	0.999.975	Extended knob (75 mm)	10
15	0.999.994	Min-max modulator adjusting tool	5

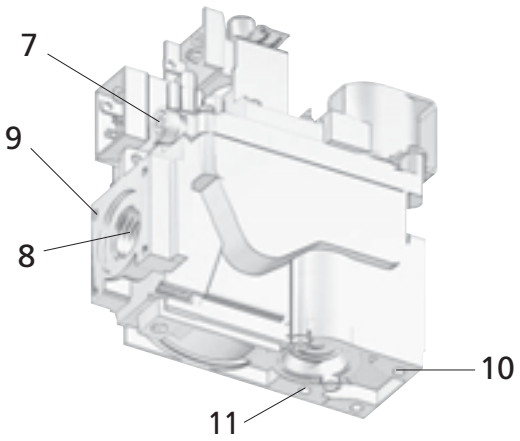
826-827 NOVA

MAIN FEATURES

- Electric gas flow modulating device with mechanical adjuster for minimum and maximum gas outlet pressure: stepped (826 NOVA) or continuous (827 NOVA).
- Two near-silent automatic shut-off valves.
- Servo-controlled pressure regulator.
- Step ignition device (optional).
- Pilot outlet with gas flow restrictor.
- Inlet and pilot filters.
- Inlet and outlet pressure test points.
- Threaded gas inlet and outlet with provision for flange connection.
- Connection for pressure regulator/combustion chamber compensation.

DESCRIPTION





1 On-off solenoid valve EV1
2 Gas pressure modulating device
3 Adjustment screw for gas flow to the pilot
4 Inlet pressure test point
5 Outlet pressure test point
6 On-off solenoid valve EV2
7 Pilot outlet
8 Main gas outlet
9 Holes (M5) for fixing flanges
10 Supplementary valve body fixing points
11 Connection for pressure regulator/ combustion chamber compensation

CODES

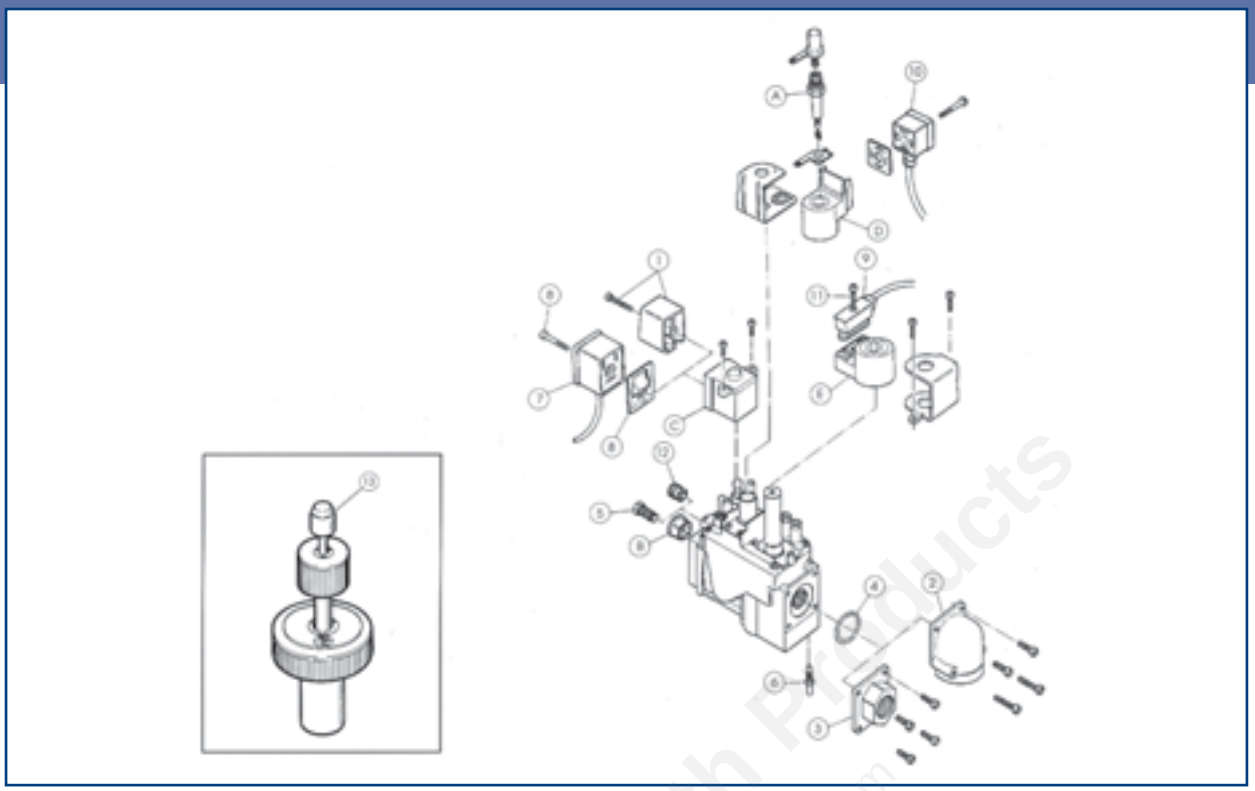
826 NOVA

Codes	Inlet	Outlet	ELECTRIC SUPPLY	EV1+EV2 CLASS	Pressure regulator	Step opening	Pilot outlet plug
0826010	Rp 1/2	Rp 1/2	220/240 V - 50Hz	B+D	2-50 mbar 230V (green solenoid)	No step opening	Fitted (M10x1, cod. 0.972.041)
0826011	Rp 1/2	Rp 1/2	220/240 V - 50Hz	B+D	2-50 mbar 230V (green solenoid)	Standard step opening: 3÷5 mbar	Fitted (M10x1, cod. 0.972.041)
0826012	Rp 1/2	Rp 1/2	220/240 V - 50Hz	B+D	2-37 mbar 240V (green solenoid)	Standard step opening: 3÷5 mbar	Fitted (M10x1, cod. 0.972.041)
0826014	Rp 1/2	Rp 1/2	220/240 V - 50Hz	B+D	2-50 mbar 230V (green solenoid)	Step opening : 2÷3 mbar	Fitted (M10x1, cod. 0.972.041)
0826015	Rp 1/2	Rp 1/2	220/240 V - 50Hz	B+D	2-20 mbar 230V (green solenoid)	Standard step opening: 3÷5 mbar	Fitted (M10x1, cod. 0.972.041)
0826016	Rp 1/2	Rp 1/2	24 V - 50Hz		2-50 mbar 24V (brown solenoid)	No step opening	Fitted (M10x1, cod. 0.972.041)
0826500	1/2NPT	3/8NPT	24 V - 60Hz		2-37 mbar 24V (brown) (HI 10" LO 6.3 Q=38000BTU)	No step opening	Fitted (7/16-24, cod. 0.972.065)
0826501	1/2NPT	3/8NPT	25 V - 60Hz		2-37 mbar 24V (brown) (HI 3.5" LO 1.63" Q=38000BTU)	No step opening	Fitted (7/16-24, cod. 0.972.065)

827 NOVA

Codes	Inlet	Outlet	ELECTRIC SUPPLY	EV1+EV2 CLASS	Pressure regulator	Step opening	Pilot outlet plug
0827003	Rp 1/2	Rp 1/2	220/240 V - 50 Hz		7-50 mbar (brown screw)	No step opening	Fitted (M10x1 cod. 0.972.041)
0827110	Rp 1/2	Rp 1/2	220/240 V - 50 Hz		2-20 mbar (white screw)	Standard step opening: 3÷5 mbar	Not fitted
0827111	Rp 1/2	Rp 1/2	220/240 V - 50 Hz		3-37 mbar (red screw) 28V	Standard step opening: 3÷5 mbar	Not fitted
0827112	Rp 1/2	Rp 1/2	220/240 V - 50 Hz		2-18 mbar (green screw) 16V white solenoid	Standard step opening: 3÷5 mbar	Not fitted
0827113	Rp 1/2	Rp 1/2	220/240 V - 50 Hz		2-18 mbar (green screw) 16V white solenoid	Special step opening : 6÷10 mbar	Not fitted
0827115	Rp 1/2	Rp 1/2	220/240 V - 50 Hz		2-18 mbar (green screw) 16V white solenoid	Standard step opening: 3÷5 mbar	Fitted (M10x1 cod. 0.972.041)
0827116	Rp 1/2	Rp 1/2	220/240 V - 50 Hz		2-18 mbar (green screw) 16V white solenoid	Special step opening : 6÷10 mbar	Fitted (M10x1 cod. 0.972.041)
0827117	Rp 1/2	Rp 1/2	220/240 V - 50 Hz		2-18 mbar (green screw) 16V white solenoid	Standard step opening: 3÷5 mbar	Fitted (M10x1 cod. 0.972.041)
0827127	Rp 1/2	Rp 1/2	220/240 V - 50 Hz		2-18 mbar (green screw) 16V white solenoid	No step opening	Fitted (M10x1 cod. 0.972.041)
0827128	Rp 1/2	Rp 1/2	220/240 V - 50 Hz		3-37 mbar (red screw) 28V	Standard step opening: 3÷5 mbar	Fitted (M10x1 cod. 0.972.041)
0827133	Rp 1/2	Rp 1/2	220/240 V - 50 Hz		2-18 mbar (green screw) 16V white solenoid	No step opening	Fitted (M10x1 cod. 0.972.041)
0827135	Rp 1/2	Rp 1/2	220/240 V - 50 Hz		2-20 mbar (white screw)	Standard step opening: 3÷5 mbar	Not fitted

Codes	Inlet	Outlet	ELECTRIC SUPPLY	EV1+EV2 CLASS	Pressure regulator	Step opening	Pilot outlet plug
0827136	Rp 1/2	Rp 1/2	220/240 V - 50 Hz		2-20 mbar (white screw)	No step opening	No pilot outlet
0827137	Rp 1/2	Rp 1/2	220/240 V - 50 Hz	top exit solenoid	2-18 mbar (green screw) 16V white solenoid	No step opening	Fitted (M10x1 cod. 0.972.041)
0827139	Rp 1/2	Rp 1/2	220/240 V - 50 Hz	top exit solenoid	2-20 mbar (white screw)	No step opening	No pilot outlet
0827150	Rp 1/2	Rp 1/2	220/240 V - 50 Hz	top exit solenoid	2-20 mbar (white screw)	Standard step opening: 3÷5 mbar	Fitted (M10x1 cod. 0.972.041)
0827151	Rp 1/2	Rp 1/2	220/240 V - 50 Hz	top exit solenoid	3-37 mbar (red screw) 28V	No step opening	Not fitted
0827152	Rp 1/2	Rp 1/2	220/240 V - 50 Hz	top exit solenoid	2-18 mbar (green screw) 16V white solenoid	Standard step opening: 3÷5 mbar	Fitted (M10x1 cod. 0.972.041)
0827153	Rp 1/2	Rp 1/2	220/240 V - 50 Hz	top exit solenoid	3-37 mbar (red screw) 28V	Standard step opening: 3÷5 mbar	Not fitted
0827155	Rp 1/2	Rp 1/2	220/240 V - 50 Hz	top exit solenoid	3-37 mbar (red screw) 28V	No step opening	Fitted (M10x1 cod. 0.972.041)



SPARE PARTS

N.	Code	Description	Q.ty
A1	0.928.850	Modulating cartridge 2-20 mbar (827 NOVA)	5
A2	0.928.851	Modulating cartridge 3-37 mbar (827 NOVA)	5
A3	0.928.852	Modulating cartridge 7-50 mbar (827 NOVA)	5
B	0.947.033	Outlet filter	100
C1	0.967.064	EV2, 220/240 V, 50 Hz solenoid and screws	5
C2	0.967.065	EV2, 24 V, 50 Hz solenoid and screws	5
C3	0.967.066	EV2, 220/240 V, 50 Hz, solenoid with top exit and screws	5
D1	0.967.135	220 V modulating solenoid for 826 NOVA	5
D2	0.967.097	28 V modulating solenoid for 827 NOVA	5
E1	0.967.128	EV1, 220/240 V, 50 Hz solenoid	5
E2	0.967.132	EV1, 24 V, 50 Hz solenoid	5
E3	0.967.133	EV1, 220 V, 60 Hz solenoid	5
E4	0.967.134	EV1, 24 V, 60 Hz solenoid	5

ACCESSORIES

N.	Code	Description	Q.ty
1	0.903.094	Cover for EV2 solenoid including screw	10
2a	0.906.258	Rp 3/4" elbow flange with O-ring and 4 screws	10
2b	0.906.260	Rp 1/2" elbow flange with O-ring and 4 screws	10
3a	0.906.259	Rp 3/4" straight flange with O-ring and 4 screws	10
3b	0.906.261	Rp 1/2" straight flange with O-ring and 4 screws	10
4	0.925.054	O-ring for flange	10
5a	0.958.030	ø 4 mm pilot tube shear-off	10
5b	0.958.031	ø 6 mm pilot tube shear-off	10
5c	0.958.032	ø 1/4" pilot tube shear-off	10
6	0.958.057	N.G. vent connection	100
7-9	0.960.126	EV1-EV2 double plug and lead L = 600 mm	20
7a	0.960.103	EV2 plug and lead L = 1,000 mm	10
7b	0.960.110	EV2 plug and lead L = 600 mm terminal 6.3 x 0.8 tab	20
7c	0.960.115	EV2 plug L = 1,000 mm earth hole larger – no earth cable	20
8	0.960.104	EV2 M3x25 screw and gasket for plug and lead	10
9a	0.960.117	EV1 plug and lead L = 905 mm	10
9b	0.960.119	EV1 tinned plug and lead L = 1,090 mm	10
9c	0.960.120	EV1 tinned plug and lead L = 540 mm	10
9d	0.960.121	EV1 plug and lead L = 540 mm	10
9e	0.960.122	EV1 plug and lead L = 450 mm	10
9f	0.960.129	EV1 plug and lead L = 300 mm	20
9g	0.960.128	EV1 plug and lead L = 140 mm	20
10	0.960.118	Step modulator plug with integrated rectified circuit (826)	5
11	0.960.125	EV1 M3x22 screw for plug and lead	10
12	0.972.041	Plug for the pilot outlet M10x1 with O-ring	10
13	0.999.994	Min-max modulator adjusting tool	5

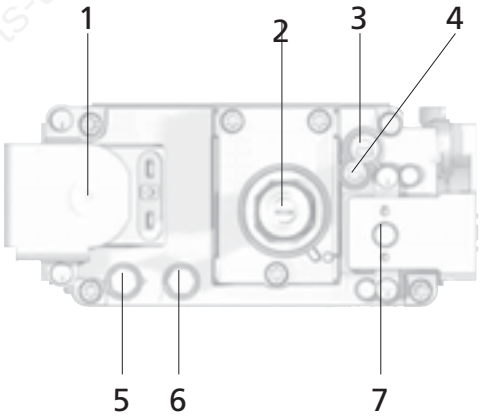
822 NOVAMIX

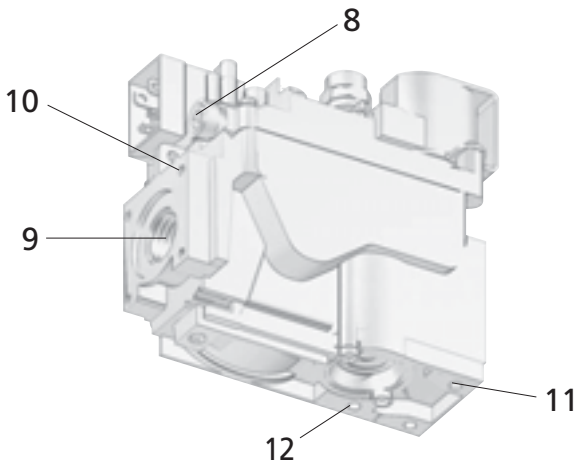
MAIN FEATURES

- Two near-silent automatic shut-off valves
  -EV1 in class B (on request class A)
  -EV2 in class D (on request class C)
- Pneumatic device for the proportional adjustment of the gas flow output as a function of the air flow: gas/air ratio 1:1.
- Servo-controlled pressure regulator.
- Offset adjustment device.
- Pilot outlet with gas flow restrictor.
- Inlet and pilot filters.
- Inlet pressure test point.
- Output pressure test point (only on versions without ratio adjustment).
- Threaded gas inlet and outlet with provision for flange connection.
- Version with lateral outlet for flanged connection only.
- Gas/air ratio adjuster (on request; not available on version with lateral outlet).

DESCRIPTION

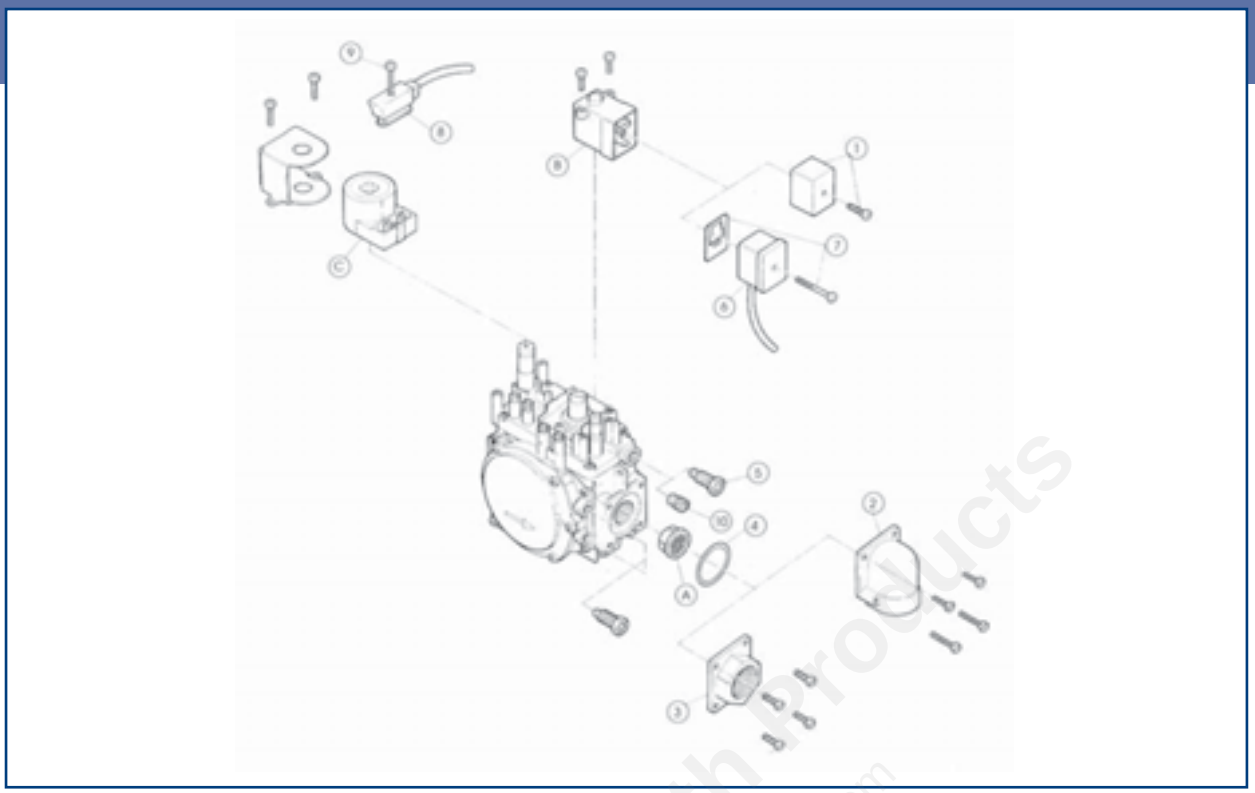
1 Shut-off solenoid valve EV1
2 Offset adjustment screw
3 Pilot gas flow restrictor
4 Gas/air adjustment screw (on request)
5 Inlet pressure test point
6 Outlet pressure test point
7 Shut-off solenoid valve EV2
8 Pilot outlet
9 Main gas outlet
10 Holes (M5) for fixing flanges
11 Supplementary valve body fixing points
12 Air in signal





CODES

Codes	Inlet	Outlet	EV Electric Supply	EV Class	Step-opening	Pilot outlet nut
0822005	Rp 1/2	Rp 1/2	220/240 V - 50 Hz	A+C	NO step-opening, flow adjuster, no top air	Plug fitted (M10x1 code 0.972.041)
0822210	Rp 1/2	Rp 1/2	220/240 V - 50 Hz	B+D	NO step-opening	Plug fitted (M10x1 code 0.972.041)
0822218	Rp 1/2	Rp 1/2	24 V - 50 Hz (EV1 Low energy)	B+C (top exit solenoid)	NO step-opening	Plug fitted (M10x1 code 0.972.041)
0822219	Rp 1/2	Rp 1/2	24 V - 50 Hz	B+C (top exit solenoid)	NO step-opening	Plug fitted (M10x1 code 0.972.041)
0822221	Rp 1/2	Rp 1/2				
0822222	Rp 1/2	Rp 1/2	220/240 V - 50 Hz	B+D	NO step-opening, no vent orifice, top air	Not fitted
0822223	Rp 1/2	Rp 1/2	220/240 V - 50 Hz	B+D	NO step-opening, no vent orifice, top air	Not fitted
0822224	Rp 1/2	Rp 1/2	220/240 V - 50 Hz	B+D	NO step-opening, no vent orifice, top air	Plug fitted (M10x1 code 0.972.041)
0822251	Rp 1/2	Rp 1/2	220/240 V - 50 Hz	B+D	NO step-opening, Flow adjuster	Not fitted
0822253	Rp 1/2	Rp 1/2	220/240 V - 50 Hz	A+C	NO step-opening, Flow adjuster	Plug fitted (M10x1 code 0.972.041)
0822254	Rp 1/2	Rp 1/2	220/240 V - 50 Hz	B+D (top exit solenoid)	NO step-opening, flow adjuster, no top air	Plug fitted (M10x1 code 0.972.041)
0822255	Rp 1/2	Rp 1/2	24 V - 50 Hz	B+D	NO step-opening, Flow adjuster	Plug fitted (M10x1 code 0.972.041)
0822256	Rp 1/2	Rp 1/2	220/240 V - 50 Hz	A+C	NO step-opening, flow adjuster, top air	No pilot outlet
0822258	Rp 1/2	Rp 1/2	220 V - 60 Hz	B+D	NO step-opening, flow adjuster, top air	No pilot outlet
0822260	Rp 1/2	Rp 1/2	220 V - 60 Hz	B+D	NO step-opening, flow adjuster, top air	No pilot outlet



SPARE PARTS

N.	Code	Description	Q.ty
A	0.947.033	Outlet filter	100
B1	0.967.064	EV2, 220/240 V, 50 Hz solenoid and screws	20
B2	0.967.065	EV2, 24 V, 50 Hz solenoid and screws	5
B3	0.967.066	EV2, 220/240 V, 50 Hz, solenoid with top exit and screws	5
B4	0.967.079	EV2, 220 V, 60 Hz solenoid and screws	20
C1	0.967.128	EV1, 220/240 V, 50 Hz solenoid	5
C2	0.967.132	EV1, 24 V, 50 Hz solenoid	5
C3	0.967.133	EV1, 220 V, 60 Hz solenoid	5
C4	0.967.134	EV1, 24 V, 60 Hz solenoid	5

ACCESSORIES

N.	Code	Description	Q.ty
1	0.903.094	Cover for EV2 solenoid including screw	10
2a	0.906.258	Rp 3/4" elbow flange with O-ring and 4 screws	10
2b	0.906.260	Rp 1/2" elbow flange with O-ring and 4 screws	10
3a	0.906.259	Rp 3/4" straight flange with O-ring and 4 screws	10
3b	0.906.261	Rp 1/2" straight flange with O-ring and 4 screws	10
4	0.925.054	O-ring for flange	10
5a	0.958.030	ø 4 mm pilot tube shear-off	10
5b	0.958.031	ø 6 mm pilot tube shear-off	10
5c	0.958.032	ø 1/4" pilot tube shear-off	10
6-8	0.960.126	EV1-EV2 double plug and lead	20
6a	0.960.103	EV2 plug and lead L = 1,000 mm	10
7	0.960.104	EV2 M3x25 screw and gasket for plug and lead	10
8a	0.960.117	EV1 plug and lead L = 900 mm with faston	10
8b	0.960.119	EV1 plug and lead L = 1,090 mm tinned	10
8c	0.960.120	EV1 plug and lead L = 540 mm tinned	10
8d	0.960.121	EV1 plug and lead L = 540 mm	10
8e	0.960.122	EV1 plug and lead L = 450 mm	10
8f	0.960.128	EV1 plug and lead L = 140 mm	20
8g	0.960.129	EV1 plug and lead L = 300 mm	20
9	0.960.125	EV1 M3x22 screw for plug and lead	10
10	0.972.041	Plug for the pilot outlet (M10x1 with O-ring)	10

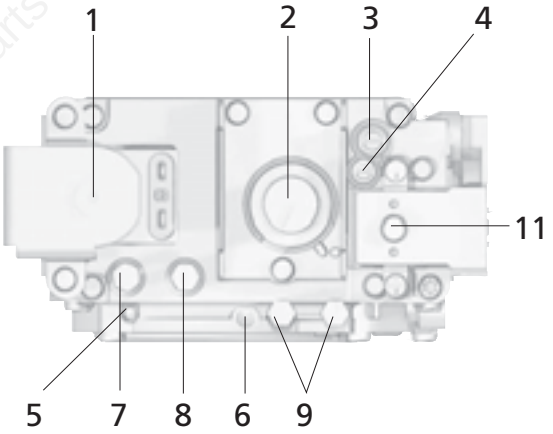
828 NOVAMIX

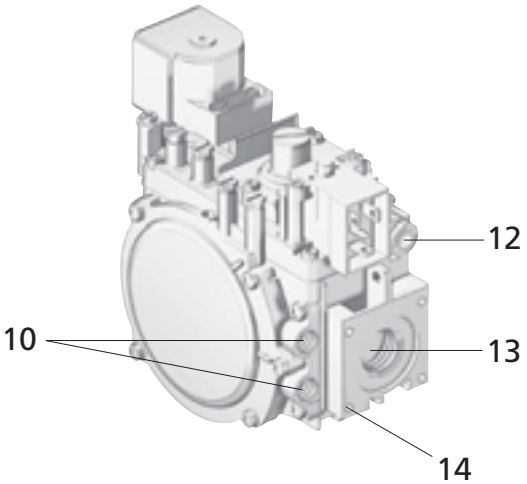
MAIN FEATURES

- Two near-silent automatic shut-off valves:
  - EV1 in class B (on request class A)
  - EV2 in class D (on request class C)
- Pneumatic device for the proportional adjustment of the gas output flow as a function of the air flow: gas/air ratio 1 : 1.
- Servo-controlled pressure regulator.
- Offset adjustment device.
- Pilot outlet with gas flow restrictor.
- Inlet and pilot filters.
- Inlet pressure test point.
- Outlet pressure test point (only on versions without ratio adjustment).
- Threaded gas inlet and outlet with provision for flange connection.
- Version with lateral outlet for flanged connection only.
- Gas/air ratio adjuster (on request; not available on version with lateral outlet).

DESCRIPTION

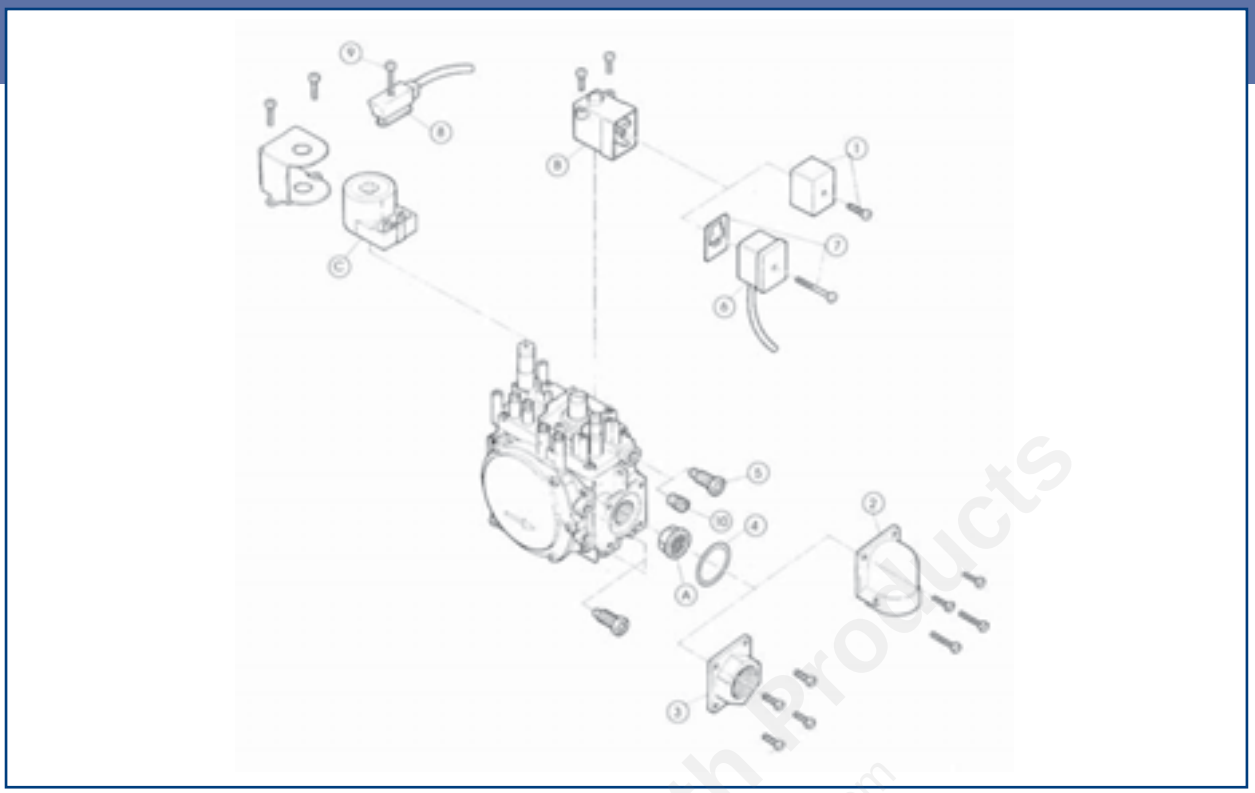
1 Shut-off solenoid valve EV1
2 Maximum outlet pressure adjustment screw
3 Pilot gas flow restrictor
4 Gas/air adjustment screw
5 Minimum outlet pressure adjustment screw
6 Offset adjustment screw
7 Inlet pressure test point
8 Outlet pressure test point
9 Air-in signal pressure test point
10 Air in signal
11 Shut-off solenoid valve EV2
12 Pilot outlet
13 Main gas outlet
14 Holes (M5) for fixing flanges





CODES

Codes	Inlet	Outlet	Ratio (air/ gas)	EV Electric Supply	EV1+EV2 Class	Pressure regulator	Pilot outlet plug	Air connections fitting
0828101	Rp 1/2	Rp 1/2	1: 5.5	220/240 V - 50 Hz	B+D	Both min and max Adj.		No
0828106	Rp 1/2	Rp 1/2	1: 4.7	220/240 V - 50 Hz	B+D	min Adj. yes; no max Adj.	Fitted M10x1	No
0828108	Rp 1/2	Rp 1/2	1: 6.2	220/240 V - 50 Hz	B+D	min Adj. no ; yes max Adj.	Fitted M10x1	ø 4 nut and olive fitted
0828110	Rp 1/2	Side Ø18	1: 5.5	220/240 V - 50 Hz	B+D	No min and max Adj.	Fitted M10x1	No
0828111	Rp 1/2	Rp 1/2	1: 8.0	220/240 V - 50 Hz	B+D	No min and max Adj.	Fitted M10x1	No
0828112	Rp 1/2	Rp 1/2	1: 3.5	220/240 V - 50 Hz	B+D	Quick version - No min and max Adj.	Fitted M10x1	No
0828113	Rp 1/2	Side Ø18	1: 3.5	220/240 V - 50 Hz	B+D	No min and max Adj.	Fitted M10x1	No
0828114	Rp 1/2	Rp 1/2	1: 15.0	220/240 V - 50 Hz	B+D	min Adj. no ; yes max Adj.	Fitted M10x1	No
0828115	Rp 1/2	Rp 1/2	1: 15.0	220/240 V - 50 Hz	B+D	Quick min Adj. no ; yes max Adj.	Fitted M10x1	No
0828116	Rp 1/2	Side Ø18	1: 3.5	24 V - 50 Hz	B+D	No min and max Adj.	Fitted M10x1	No
0828118	Rp 1/2	Rp 1/2	1 : 11.5	220/240 V - 50 Hz	B+D	Quick version - No min and max Adj.	Fitted M10x1	ø 4 nut and olive fitted
0828119	Rp 1/2	Rp 1/2	1: 9.0	220/240 V - 50 Hz	B+D	Quick version - No min and max Adj.	Fitted M10x1	No
0828120	Rp 1/2	Rp 1/2	1: 3.5	24 V - 50 Hz	B+D	Quick version - No min and max Adj.	Fitted M10x1	No
0828121	Rp 1/2	Side Ø18	1: 3.5	220/240 V - 50 Hz	B+D	No min and max Adj.	Fitted M10x1	No
0828122	Rp 1/2	Rp 1/2	1: 3.5	24 V - 50 Hz	B+D	Quick version - No min and max Adj.	Fitted M10x1	No
0828304	Rp 1/2	Rp 1/2	1: 4.0	24 V - 50 Hz	B+D	Both min and max Adj.		No
0828305	Rp 1/2	Rp 1/2	1: 7.0	24 V - 50 Hz	B+D	Both min and max Adj.		No
0828307	Rp 1/2	Rp 1/2	1: 3.5	220/240 V - 50 Hz	B+D	min Adj. yes; no max Adj.	Fitted M10x1	No
0828351	Rp 1/2	Rp 1/2	1: 9.0	24 V - 50 Hz	B+D	Quick version - No min and max Adj.	Fitted M10x1	No
0828352	Rp 1/2	Rp 1/2	1: 6.2	220/240 V - 50 Hz	B+D	min Adj. no ; yes max Adj.	Fitted M10x1	ø 4 nut and olive fitted
0828402	Rp 1/2	Rp 1/2	1: 9.0	220/240 V - 50 Hz	A+C	Both min and max Adj.	Fitted M10x1	No
0828403	Rp 1/2	Rp 1/2	1: 3.5	220/240 V - 50 Hz	A+C	No min and max Adj.		No
0828406	Rp 1/2	Rp 1/2	1: 3.5	220/240 V - 50 Hz	A+C	No min and max Adj.	Fitted M10x1	No
0828407	Rp 1/2	Rp 1/2	1: 7.0	24 V - 50 Hz	A+C	min Adj. yes; no max Adj.	Fitted M10x1	No
0828410	Rp 1/2	Rp 1/2	1: 5.5	220/240 V - 50 Hz	A+C	min Adj. no ; max adjusted 6.5mbar	Fitted M10x1	No



SPARE PARTS

N.	Code	Description	Q.ty
A	0.947.033	Outlet filter	100
B1	0.967.064	EV2, 220/240 V, 50 Hz solenoid and screws	20
B2	0.967.065	EV2, 24 V, 50 Hz solenoid and screws	5
B3	0.967.066	EV2, 220/240 V, 50 Hz, solenoid with top exit and screws	5
B4	0.967.079	EV2, 220 V, 60 Hz solenoid and screws	20
C1	0.967.128	EV1, 220/240 V, 50 Hz solenoid	5
C2	0.967.132	EV1, 24 V, 50 Hz solenoid	5
C3	0.967.133	EV1, 220 V, 60 Hz solenoid	5
C4	0.967.134	EV1, 24 V, 60 Hz solenoid	5

ACCESSORIES

N.	Code	Description	Q.ty
1	0.903.094	Cover for EV2 solenoid including screw	10
2a	0.906.258	Rp 3/4" elbow flange with O-ring and 4 screws	10
2b	0.906.260	Rp 1/2" elbow flange with O-ring and 4 screws	10
3a	0.906.259	Rp 3/4" straight flange with O-ring and 4 screws	10
3b	0.906.261	Rp 1/2" straight flange with O-ring and 4 screws	10
4	0.925.054	O-ring for flange	10
5a	0.958.030	ø 4 mm pilot tube shear-off	10
5b	0.958.031	ø 6 mm pilot tube shear-off	10
5c	0.958.032	ø 1/4" pilot tube shear-off	10
6-8	0.960.126	EV1-EV2 double plug and lead	20
6a	0.960.103	EV2 plug and lead L = 1,000 mm	10
7	0.960.104	EV2 M3x25 screw and gasket for plug and lead	10
8a	0.960.117	EV1 plug and lead L = 900 mm with faston	10
8b	0.960.119	EV1 plug and lead L = 1,090 mm tinned	10
8c	0.960.120	EV1 plug and lead L = 540 mm tinned	10
8d	0.960.121	EV1 plug and lead L = 540 mm	10
8e	0.960.122	EV1 plug and lead L = 450 mm	10
8f	0.960.128	EV1 plug and lead L = 140 mm	20
8g	0.960.129	EV1 plug and lead L = 300 mm	20
9	0.960.125	EV1 M3x22 screw for plug and lead	10
10	0.972.041	Plug for the pilot outlet (M10x1 with O-ring)	10

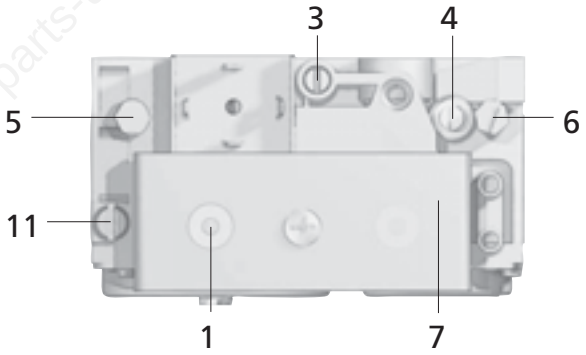
830-832 TANDEM

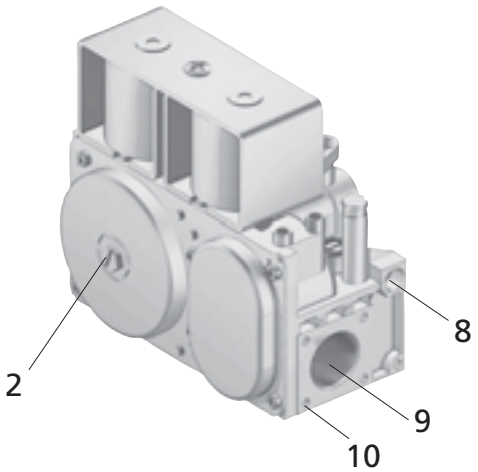
MAIN FEATURES

- Two near-silent automatic shut-off valves:
  - 830 TANDEM: EV1 + EV2 in class B
  - 832 TANDEM: EV1 + EV2 in class A
- Pressure regulator class C; alternatively, gas flow adjustment device.
- Adjustable flow step ignition device (optional).
- Pilot outlet (optional) with gas flow restrictor.
- Inlet and pilot filters.
- Inlet and outlet pressure test points.
- Threaded gas inlet and outlet with provision for flange connection.
- Connection for pressure regulator/combustion chamber compensation.

DESCRIPTION

1 Shut-off solenoid valve EV1
2 Pressure regulator setting device, or alternatively, outlet flow setting screw
3 Pilot gas flow restrictor
4 Step ignition flow adjustment screw
5 Inlet pressure test point
6 Outlet pressure test point
7 Shut-off solenoid valve EV2
8 Pilot outlet
9 Main gas outlet
10 Holes (M5) for fixing flanges
11 Connection for pressure regulator/ combustion chamber compensation





CODES

830 TANDEM

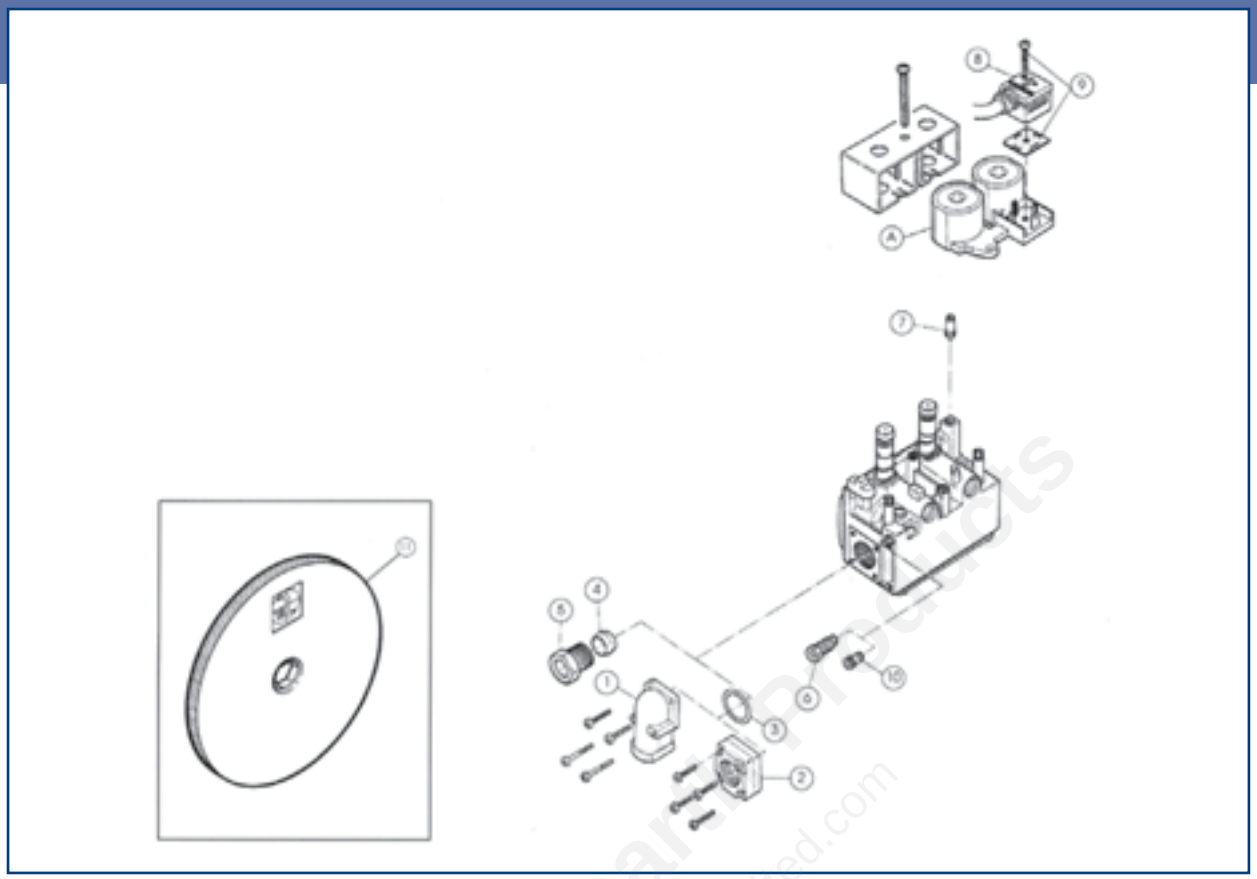
Codes	Ambient Temperature range [°C]	EV Electric Supply	EV Class	Pressure regulator range [mbar]	Flow Adjuster	Step Opening	Pilot outlet
0830010	0 to 60	220/240 V - 50 Hz	B		Blind screw	No step opening	Standard screw
0830011	0 to 60	24 V - 50 Hz	B		Blind screw	No step opening	Standard screw
0830012	0 to 60	220/240 V - 50 Hz	B		2x Ø 1.9 drilled screw	No step opening	Standard screw
0830013	0 to 60	220/240 V - 50 Hz	B		Blind screw	No step opening	No pilot outlet
0830014	0 to 60	220/240 V - 50 Hz	B		Blind screw	No step opening	No pilot outlet
0830020	0 to 60	220/240 V - 50 Hz	B		Blind screw	(3÷7") (3÷4mbar)	Standard screw
0830021	0 to 60	24 V - 50 Hz	B		Blind screw	(3÷7") (3÷4mbar)	Standard screw
0830022	0 to 60	220/240 V - 50 Hz	B		Blind screw	(3÷7") (3÷4mbar)	No pilot outlet
0830023	0 to 60	220/240 V - 50 Hz	B		2x Ø 1.5 drilled screw	(3÷7") (1÷2mbar)	Standard screw
0830030	0 to 60	220/240 V - 50 Hz	B	3 50		(3÷7") (3÷4mbar)	Standard screw
0830031	0 to 60	24 V - 50 Hz	B	3 50		(3÷7") (3÷4mbar)	Standard screw
0830032	0 to 60	220/240 V - 50 Hz	B	3 50		for LPG	No pilot outlet
0830033	0 to 60	220/240 V - 50 Hz	B	3 50		(3÷7") (3÷4mbar)	S
0830034	0 to 60	220/240 V - 50 Hz	B	3 50		(3÷7") (3÷4mbar)	No pilot outlet
0830035	0 to 60	220/240 V - 50 Hz	B	5 50		(3÷7") (3÷4mbar) (*)	No pilot outlet
0830036	0 to 60	220/240 V - 50 Hz	B	3 50		(3÷7") (3÷4mbar)	Standard screw sealed
0830037	0 to 60	220/240 V - 50 Hz	B	3 50		No step opening	No pilot outlet
0830039	0 to 60	230/240 V - 50 Hz	A	3 50		(3÷7") (3÷4mbar)	No pilot outlet
0830040	0 to 60	220/240 V - 50 Hz	B	3 50		No step opening	Standard screw
0830041	0 to 60	220/240 V - 50 Hz	B	3 50		No step opening	No pilot outlet
0830042	0 to 60	220/240 V - 50 Hz	B	3 50		No step opening	No pilot outlet
0830043	0 to 60	220/240 V - 50 Hz	B	3 50		(0.5÷2") (0.7÷1.7mbar)	No pilot outlet
0830050	0 to 60	24 V - 50 Hz	B	3 50		No step opening	No pilot outlet
0830051	0 to 60	220 V - 60 Hz	B	3 50		(3÷7") (3÷4mbar)	No pilot outlet
0830052	0 to 60	220/240 V - 50 Hz	B	3 50		(3÷7") (3÷4mbar)	No pilot outlet
0830053	0 to 60	220/240 V - 50 Hz	B	5 50		(3÷7") (3÷4mbar) (*)	No pilot outlet
0830060	0 to 60	220 V - 60 Hz	B	5 50		(3÷7") (3÷4mbar) (*)	Standard screw
0830062	0 to 60	220 V - 60 Hz	B	5 50		(3÷7") (3÷4mbar) (*)	No pilot outlet
0830064	0 to 60	24 V - 50 Hz (Low Energy)	B	3 50		(3÷7") (3÷4mbar)	No pilot outlet
0830065	0 to 60	120 V - 60 Hz			Ø 0.5 hole	(3÷7") (3÷4mbar)	S
0830071	0 to 60	24 V - 60 Hz (Low Energy)	B	5 50		(3÷7") (3÷4mbar) (*)	No pilot outlet
0830072	0 to 60	220 V - 60 Hz	B	5 50		(3÷7") (3÷4mbar) (*)	R
0830073	0 to 60	220 V - 60 Hz	B	3 50		No step opening	No pilot outlet
0830074	0 to 60	24 V - 50 Hz	B	5 50		(3÷7") (3÷4mbar) (*)	R
0830076	0 to 60	220/240 V - 50 Hz	B	5 50		(3÷7") (3÷4mbar) (*)	R
0830080	0 to 60	120 V - 60 Hz	B		Blind screw	(3÷7") (3÷4mbar)	No pilot outlet
0830082	0 to 60	220/240 V - 50 Hz	B	3 50		(3÷7") (3÷4mbar)	Standard screw
0830083	0 to 60	120 V - 60 Hz	B	5 50		(3÷7") (3÷4mbar) (*)	R
0830100	0 to 60	24 V - 50 Hz (Low Energy)	B	3 50		No step opening	T
0830300	0 to 60	220/240 V - 50 Hz		3 50		Bypass	No pilot outlet
0830301	0 to 60	220/240 V - 50 Hz			Blind screw	Bypass	No pilot outlet
0830402	-20 to 60	220/240 V - 50 Hz			Blind screw	No step opening	No pilot outlet
0830602	0 to 60	230 V - 50 Hz	B	3 50		(3÷7") (3÷4mbar)	Standard screw

CODES

832 TANDEM

Codes	Ambient Temperature range [°C]	EV Electric Supply	EV Class	RP version or RQ version	Step-opening	Pilot adjusting screw
0832030	0 to 60	220/240V-50Hz	A	Rp version (with pressure regulator) standard type	Fitted standard Step-opening (3-7")	NO pilot outlet
0832033	0 to 60	220/240V-50Hz	A	Rp version (with pressure regulator) standard type	Fitted standard Step-opening (0.5-2")	NO pilot outlet
0832040	0 to 60	220/240V-50Hz	A	Rp version (with pressure regulator) standard type	No step-opening	NO pilot outlet
0832051	0 to 60	220/240V-50Hz	A	Rp version (with pressure regulator) standard type	No step-opening	Standard screw

(*)	Fitted step-opening fast recovery
S	Standard screw and M10x1 plug (0972041)
R	Regulated by main P.R. with standard screw and plug
T	Standard screw and special M 11x1 pilot outlet
U	Special screw = more friction better axial precision



SPARE PARTS

N.	Code	Description	Q.ty	N.	Code	Description	Q.ty
A1	0.967.090	220 V, 50 Hz solenoid (black color)	5	A4	0.967.130	240 V, 50 Hz solenoid class A, (green color)	10
A2	0.967.091	24 V, 50 Hz solenoid (grey color)	5				
A3	0.967.129	220 V, 50 Hz solenoid class A, (violet color)	10	A5	0.967.131	24 V, 50 Hz solenoid class A, (orange color)	10

ACCESSORIES

N.	Code	Description	Q.ty	N.	Code	Description	Q.ty
1	0.906.265	Rp 1/2" elbow flange with O-ring and screws	10	7a	0.958.059	Vent nut connection (ø 6 mm)	10
2	0.906.266	Rp 1/2"straight flange with O-ring and screws	100	7b	0.958.063	Vent nut connection (ø 5 mm)	100
3	0.925.028	O-ring for flange	100	8a	0.960.107	Plug and lead L = 1,000 mm	10
4	0.957.008	ø 16 mm olive	10	8b	0.960.112	Plug and lead L = 260 mm	20
5	0.958.027	ø 16 mm tube nut	10	8c	0.960.114	plug and lead L = 600 mm	20
6a	0.958.030	ø 4 mm pilot tube shear-off	10	9	0.960.108	Gasket and screw	10
6b	0.958.031	ø 6 mm pilot tube shear-off	10	10	0.972.041	Plug for the pilot outlet (M10x1 with O-ring)	10
6c	0.958.032	ø 1/4" pilot tube shear-off	10	11	0.999.992	Adjusting flow tool	10

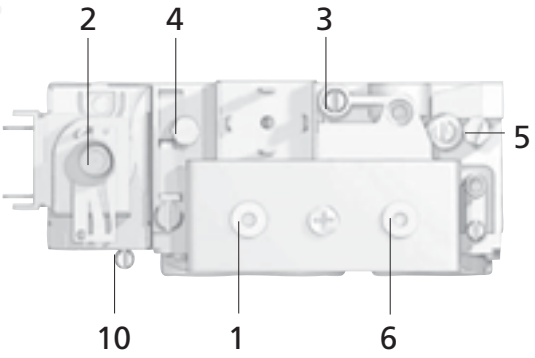
836-837 TANDEM

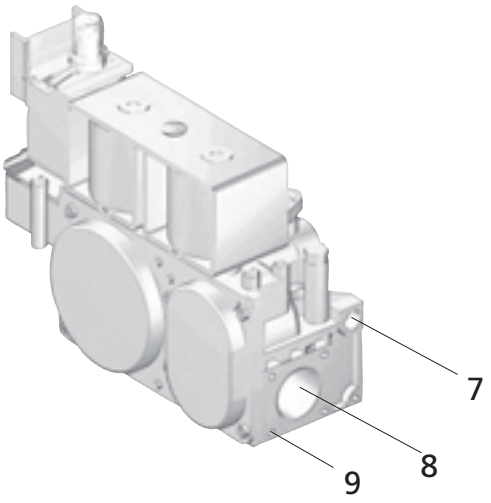
MAIN FEATURES

- Electric modulator of the gas outlet pressure: stepped (836 TANDEM) or continuous (837 TANDEM).
- Two near-silent automatic shut-off valves in class B (class A on request).
- Servo-controlled pressure regulator.
- Pilot outlet (optional) with gas flow restrictor.
- Inlet and pilot filters.
- Inlet and outlet pressure test points.
- Threaded gas inlet and outlet with provision for flange connection.
- Connection for pressure regulator/combustion chamber compensation.

DESCRIPTION

1 On-off solenoid valve EV1
2 Gas outlet pressure modulator
3 Adjustment screw for gas flow to the pilot
4 Inlet pressure test point
5 Outlet pressure test point
6 On-off solenoid valve EV2
7 Pilot outlet
8 Main gas outlet
9 Holes (M5) for fixing flanges
10 Connection for pressure regulator/ combustion chamber compensation





CODES

836 TANDEM

Codes	Ambient Temperature range [°C]	EV Electric supply	EV Class	Modulator Electric supply	Pressure Regulator range [mbar]	Adj. Step opening range (seconds]	Pilot outlet	Maximum gas inlet pressure [mbar]
0836010	0÷60	220/240 V - 50 Hz	B	230 V RAC	2-50	/	No	60
0836011	0÷60	220V - 60 Hz	B	220 V RAC	2-50	/	No	60
0836016	0÷60	230/240 V - 50 Hz	A	230 V RAC	2-50	/	No	60
0836017	0÷60	220/240 V - 50 Hz	B	240 V RAC	2-37	/	No	60
0836018	0÷60	220/240 V - 50 Hz		240 V RAC	2-37	/	Yes	60
0836019	0÷60	220/240 V - 50 Hz	B	230 V RAC	6-50	7-12	No	60
0836021	-20÷60	220/240 V - 50 Hz	B	230 V RAC	6-50	7-12	Yes	60
0836022	0÷60	220/240 V - 50 Hz		240 V RAC	2-37	/	No	60

(*) Without minimum screw

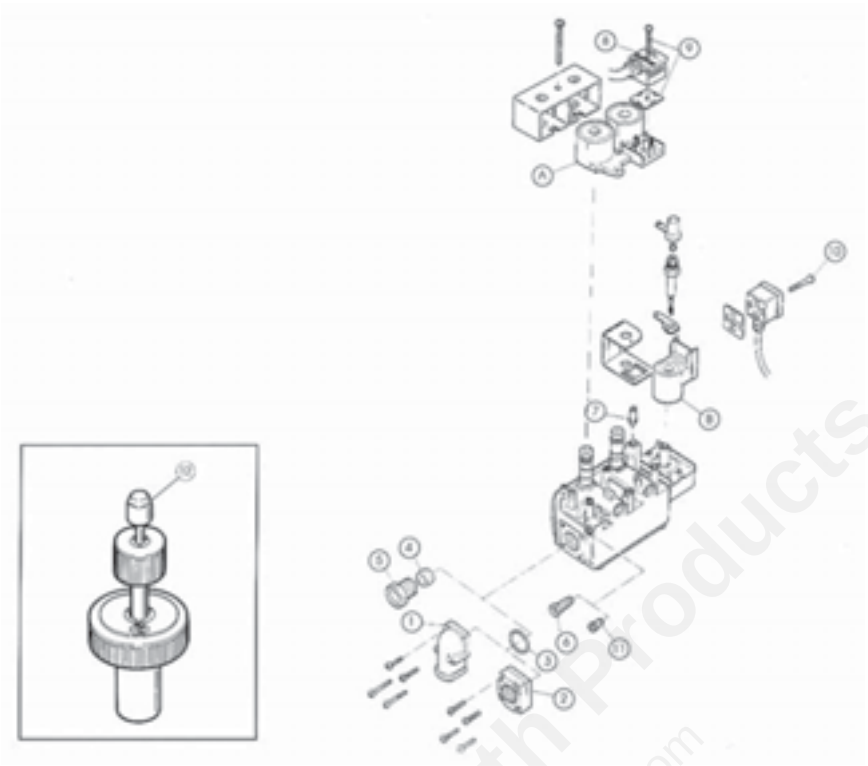
P Plugged (0972041)

837 TANDEM

Codes	Ambient Temperature range [°C]	EV Electric supply	EV Class	Modulator Electric supply	Pressure Regulator range [mbar]	Adj. Step opening range (seconds]	Pilot outlet	Maximum gas inlet pressure [mbar]
0837010	0÷60	220/240 V - 50 Hz	B	16 V DC 310 mA	2-18	/	No	50
0837011	0÷60	220/240 V - 50 Hz	B	16 V DC 310 mA	3-37	/	No	50
0837013	0÷60	220/240 V - 50 Hz	B	28 V DC 165 mA	3-37	/	No	50
0837019	0÷60	24 V - 60 Hz	B	28 V DC 165 mA	3-37	/	No	50
0837023	0÷60	220/240 V - 50 Hz	B	28 V DC 165 mA	2-20	/	No	50
0837024	0÷60	220/240 V - 50 Hz	B	28 V DC 165 mA	3-37	/	No	50
0837025	0÷60	220/240 V - 50 Hz	B	28 V DC 165 mA	3-37	/	Yes	50
0837029	0÷60	220/240 V - 50 Hz	B	28 V DC 165 mA	2-20	/	P	50
0837033	0÷60	220/240 V - 50 Hz	B	28 V DC 165 mA	2-18	/	No	50
0837034	0÷60	24 V - 50 Hz (Low Energy)	B	28 V DC 165 mA	1.5-25	/	No	50
0837035	0÷60	24 V - 50 Hz (Low Energy)	B	28 V DC 165 mA	2.5-37	/	No	50
0837038	0÷60	220/240 V - 50 Hz	B	28 V DC 165 mA	3-37	/	P	50
0837100	0÷60	120 V - 60 Hz	B	16 V DC 310 mA	3-37	/	No	50
0837301	-20÷60	220/240 V - 50 Hz	B	16 V DC 310 mA	2-20	/	No	50
0837302	-20÷60	220/240 V - 50 Hz	B	16 V DC 310 mA	3-37	/	No	50
0837303	-20÷60	220/240 V - 50 Hz	B	28 V DC 165 mA	3-37	/	No	50
0837304	-20÷60	24 V - 60 Hz (Low Energy)	B	28 V DC 165 mA	2÷25	/	No	50
0837305	-20÷60	220/240 V - 50 Hz	B	16 V DC 310 mA	2-18	/	No	50

(*) Without minimum screw

P Plugged (0972041)



SPARE PARTS

N.	Code	Description	Q.ty	N.	Code	Description	Q.ty
A1	0.967.090	220 V, 50 Hz solenoid (black color)	5	B2	0.967.135	220 V modulating solenoid, rectified AC (836)	5
A2	0.967.091	24 V, 50 Hz solenoid (grey color)	5	B3	0.967.139	24 V modulating solenoid, rectified AC (836)	10
A3	0.967.129	220 V, 50 Hz solenoid class A, (violet color)	10	B4	0.967.138	16 V modulating solenoid (837)	5
A4	0.967.131	24 V, 50 Hz solenoid class A (orange color)	10	B5	0.967.140	240 V modulating solenoid (837)	10
B1	0.967.097	28 V modulating solenoid (837)	5				

ACCESSORIES

N.	Code	Description	Q.ty	N.	Code	Description	Q.ty
1	0.906.265	Rp 1/2" elbow flange with O-ring and screws	10	7b	0.958.063	Vent nut connection (ø 5 mm)	100
2	0.906.266	Rp 1/2" straight flange with O-ring and screws	100	8a	0.960.107	Plug and lead L = 1,000 mm	10
3	0.925.028	O-ring for flange	100	8b	0.960.112	Plug and lead L = 260 mm	20
4	0.957.008	ø 16 mm olive	10	8c	0.960.114	Tandem plug and lead L = 600 mm	10
5	0.958.027	ø 16 mm tube nut	10	9	0.960.108	Gasket and screw	10
6a	0.958.030	ø 4 mm pilot tube shear-off	10	10	0.960.118	Step modulator plug gasket + screw L = 1,000 mm (836)	5
6b	0.958.031	ø 6 mm pilot tube shear-off	10	11	0.972.041	Plug for the pilot outlet (M10x1 with O-ring)	10
6c	0.958.032	ø 1/4" pilot tube shear-off	10	12	0.999.994	Min-max modulator adjusting tool	5
7a	0.958.059	Vent nut connection (ø 6 mm)	10				

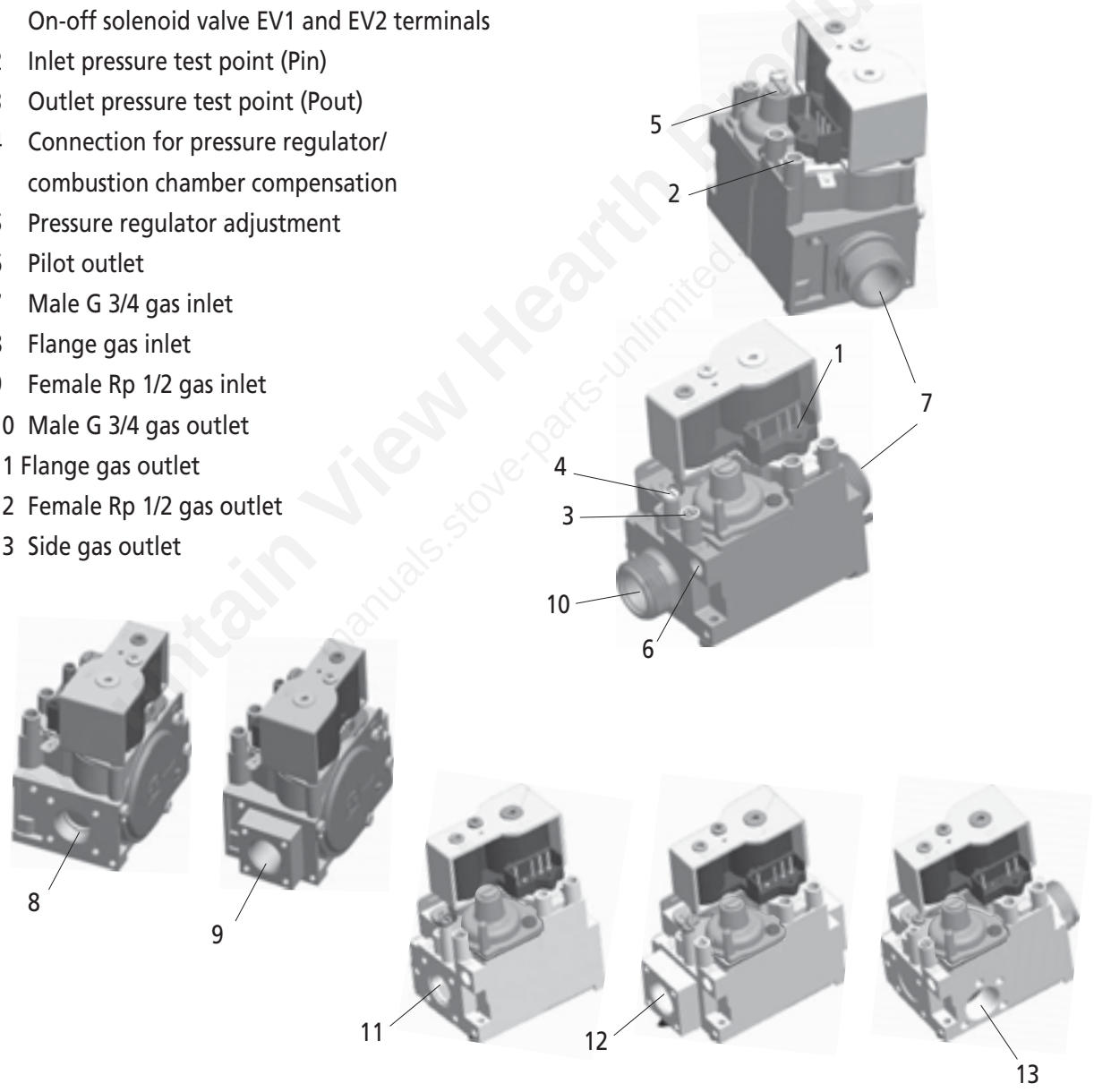
840 SIGMA

MAIN FEATURES

- Two automatic shut-off valves
- Servo-controlled pressure regulator
- Step ignition device (optional)
- Pilot outlet (optional) with filter
- Inlet filter
- Outlet filter (optional)
- Inlet and outlet pressure test points with "captured"screw
- Inlet and outlet gas connection available with male or female thread or for flange connection, available side outlet

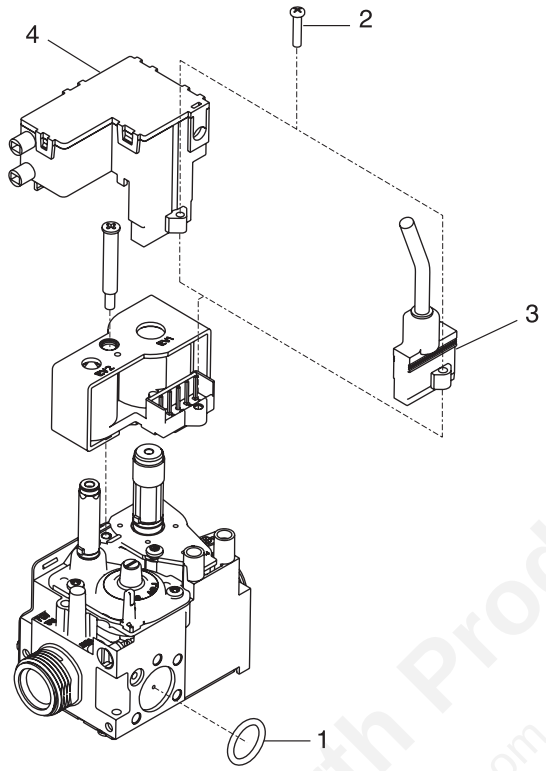
DESCRIPTION

1 On-off solenoid valve EV1 and EV2 terminals
2 Inlet pressure test point (Pin)
3 Outlet pressure test point (Pout)
4 Connection for pressure regulator/ combustion chamber compensation
5 Pressure regulator adjustment
6 Pilot outlet
7 Male G 3/4 gas inlet
8 Flange gas inlet
9 Female Rp 1/2 gas inlet
10 Male G 3/4 gas outlet
11 Flange gas outlet
12 Female Rp 1/2 gas outlet
13 Side gas outlet



CODES

Codes	Ambient temperature range [°C]	RoHS Version	UK Version	Body lenght [mm]	Inlet	Outlet displace-ment	Outlet	EV Electric supply	EV Class	Pressure Regulator range	Pilot	Flow Adjuster	Step Opening
0840014	0÷60		no	80	Flange		Flange	230 V - 50 Hz	B+J	2 - 50 mbar	no		no
0840016	0÷60		no	113	Male G3/4		Male G3/4	230 V - 50 Hz	B+J	2 - 50 mbar	M10		no
0840017	0÷60		no	105	Female Rp1/2		Female Rp1/2	230 V - 50 Hz	B+J	2 - 50 mbar	plugged		no
0840019	0÷60		yes	80	Flange	Side	Ø14mm 3hole	230 V - 50 Hz	B+J	2 - 50 mbar	no		2-4mbar
0840020	0÷60		no	113	Male G3/4		Male G3/4	230 V - 50 Hz	B+J	2 - 50 mbar	no		2-4mbar
0840023	0÷60		no	113	Male G3/4		Male G3/4	230 V - 50 Hz	B+J	2 - 50 mbar	no		no
0840024	0÷60		no	80	Flange		Flange	230 V - 50 Hz	B+J	2 - 50 mbar	no		2-4mbar
0840025	0÷60		no	80	Flange		Flange	220 V - 60 Hz	B+J	2 - 50 mbar	no		2-4mbar
0840026	0÷60		yes	105	Female Rp1/2		Female Rp1/2	230 V - 50 Hz	B+J	2 - 50 mbar	yes		2-4mbar
0840027	0÷60		no	105	Female Rp1/2		Female Rp1/2	230 V - 50 Hz	B+J	2 - 50 mbar	no		Adjust.
0840028	0÷60		no	113	Male G3/4		Male G3/4	220 V - 60 Hz	B+J	2 - 50 mbar	no		2-4mbar
0840029	0÷60		no	80	Flange		Flange	220 V - 60 Hz	B+J	2 - 50 mbar	no		no
0840030	0÷60		no	113	Male G3/4		Male G3/4	230 V - 50 Hz	B+J	2 - 50 mbar	no		Adjust.
0840031	0÷60		no	105	Female Rp1/2		Female Rp1/2	230 V - 50 Hz	B+J	2 - 50 mbar	no		no
0840032	0÷60		no	105	Rp1/2		Rp1/2	230 V - 50 Hz	B+J	2 - 50 mbar	no	Yes	no
0840033	0÷60		no	105	Rp1/2		Rp1/2	230 V - 50 Hz	B+J	2 - 50 mbar	no		no
0840034	0÷60		no	105	Female Rp1/2		Female Rp1/2	230 V - 50 Hz	B+J	2 - 50 mbar	no	Yes	no
0840035	0÷60		no	113	Male G3/4		Male G3/4	230 V - 50 Hz	B+J	2 - 50 mbar	M10		Adjust.
0840036	0÷60		no	105	Female Rp1/2		Female Rp1/2	230 V - 50 Hz	B+J	2 - 50 mbar	M10		Adjust.
0840038	0÷60		no	80	Flange		Flange	230 V - 50 Hz	B+J	2 - 50 mbar	no		Adjust.
0840039	0÷60		no	105	Female Rp1/2		Female Rp1/2	230 V - 50 Hz	B+J	2 - 50 mbar	no	Yes	Adjust.
0840040	0÷60		no	80	Flange		Flange	230 V - 50 Hz	B+J	2 - 50 mbar	no	Yes	no
0840041	-15÷60		no	80	Flange		Flange	230 V - 50 Hz	B+J	2 - 50 mbar	no		no
0840042	0÷60		no	113	Male G3/4		Male G3/4	230 V - 50 Hz	B+J	2 - 50 mbar	no		no
0840043	0÷60		no	113	Male G3/4		Male G3/4	230 V - 50 Hz	B+J	2 - 50 mbar	no	Yes	no
0840044	0÷60		no	113	Male G3/4		Male G3/4	230 V - 50 Hz	B+J	2 - 50 mbar	no		2-4mbar
0840045	0÷60		no	113	Male G3/4		Male G3/4	230 V - 50 Hz	B+J	2 - 50 mbar	no	Yes	2-4mbar
0840046	0÷60		yes	113	Male G3/4		Male G3/4	230 V - 50 Hz	B+J	2 - 50 mbar	no		Adjust.
0840047	0÷60		yes	105	Female Rp1/2		Female Rp1/2	230 V - 50 Hz	B+J	2 - 50 mbar	no		no
0840048	0÷60		no	113	Male G3/4		Male G3/4	230 V - 50 Hz	B+J	2 - 50 mbar	no		6-8mbar
0840055	32÷140°F		no	105	Female 1/2NPT		Female 1/2NPT	120V - 60HZ	B+J	3 - 11" WC	no		no
0840057	0÷60		no	113	Male G3/4		Male G3/4	230 V - 50 Hz	B+J	2 - 50 mbar	no	Yes	6-8mbar
0840058	0÷60		yes	105	Female Rp1/2		Female Rp1/2	230 V - 50 Hz	B+J	2 - 50 mbar	plugged		2-4mbar
0840059	0÷60	yes	no	105	Female Rp1/2		Female Rp1/2	230 V - 50 Hz	B+J	2 - 50 mbar	no		Adjust.
0840061	0÷60		yes	105	Female Rp1/2		Female Rp1/2	230 V - 50 Hz	B+J	2 - 50 mbar	no		Adjust.
0840062	0÷60		yes	105	Female Rp1/2		Female Rp1/2	230 V - 50 Hz	B+J	2 - 50 mbar	no		Adjust.
0840063	0÷60		no	105	Female Rp1/2		Female Rp1/2	230 V - 50 Hz	B+J	2 - 50 mbar	M10		Adjust.
0840064	0÷60		no	113	Male G3/4		Male G3/4	230 V - 50 Hz	B+J	2 - 50 mbar	no	Yes	6-8mbar
0840065	0÷60		no	105	Female Rp1/2		Female Rp1/2	220 V - 60 Hz	B+J	2 - 50 mbar	plugged		no
0840067	0÷60	yes	no	113	Male G3/4		Male G3/4	230 V - 50 Hz	B+J	2 - 50 mbar	M10		no



SPARE PARTS

N.	Code	Description	Q.ty
A1	0.967.158	230 V, 50 Hz solenoid (black color)	10
A2	0.967.159	24 V, 50 Hz solenoid (grey color)	10
A3	0.967.165	220 V, 50 Hz solenoid (blue color)	10

ACCESSORIES

N.	Code	Description	Q.ty	N.	Code	Description	Q.ty
1	0.925.133	O-ring for side outlet	100	3e	0.960.404	EV1-EV2 plug-cable L = 580 mm (3 wires)	20
2	0.953.082	EV1-EV2 plug screw	100	4a	0.504.010	Connector/igniter 504 NAC 2 electrodes, 5 wires	20
3a	0.960.400	EV1-EV2 plug-cable L = 515 mm (4 wires)	20	4b	0.504.011	Connector/igniter 504 NAC 2 electrodes, 4 wires	20
3b	0.960.401	EV1-EV2 plug-cable L = 620 mm (3 wires)	20	4c	0.504.012	Connector/igniter 504 NAC-2 electrodes, 5 wires	20
3c	0.960.402	EV1-EV2 plug-cable L = 1,070 mm (3 wires)	20	4d	0.504.013	Connector/igniter 504 NAC 1 electrode, 5 wires	20
3d	0.960.403	EV1-EV2 plug-cable L = 175 mm (4 wires)	20				

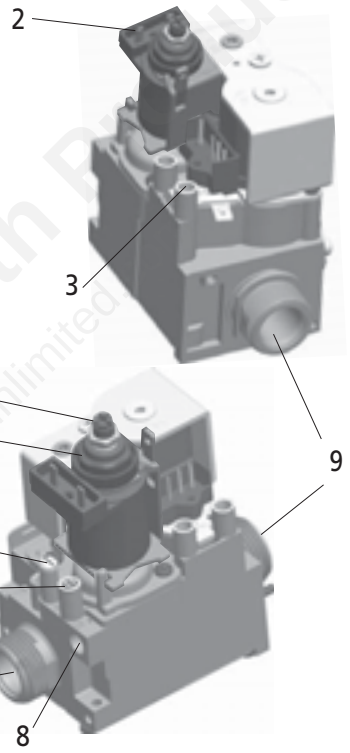
843 SIGMA

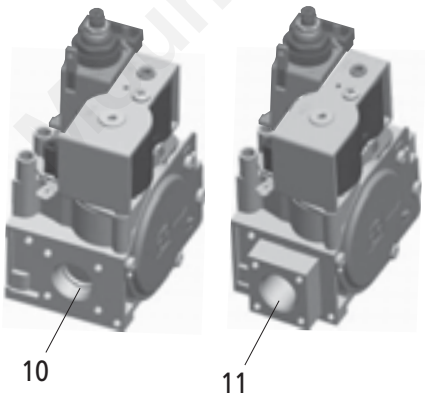
MAIN FEATURES

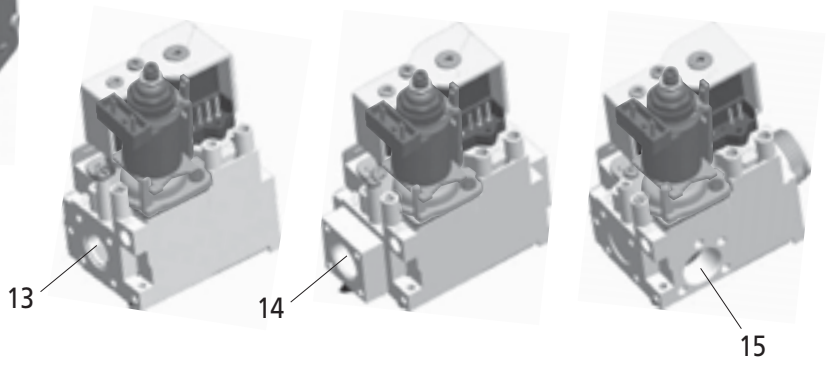
- Two automatic shut-off valves
- Electric HIGH-LOW modulator
- Servo-controlled pressure regulator
- Step ignition device (optional)
- Pilot outlet (optional) with filter
- Inlet filter
- Outlet filter (optional)
- Inlet and outlet pressure test points with "captured"screw
- Inlet and outlet gas connection available with male or female thread or for flange connection, available side outlet

DESCRIPTION

1 On-off solenoid valve EV1 and EV2 terminals
2 HIGH-LOW modulator terminals
3 Inlet pressure test point (Pin)
4 Outlet pressure test point (Pout)
5 Connection for pressure regulator/ combustion chamber compensation
6 LOW pressure adjustment
7 HIGH pressure adjustment
8 Pilot outlet
9 Male G 3/4 gas inlet
10 Flange gas inlet
11 Female Rp 1/2 gas inlet
12 Male G 3/4 gas outlet
13 Flange gas outlet
14 Female Rp 1/2 gas outlet
15 Side gas outlet



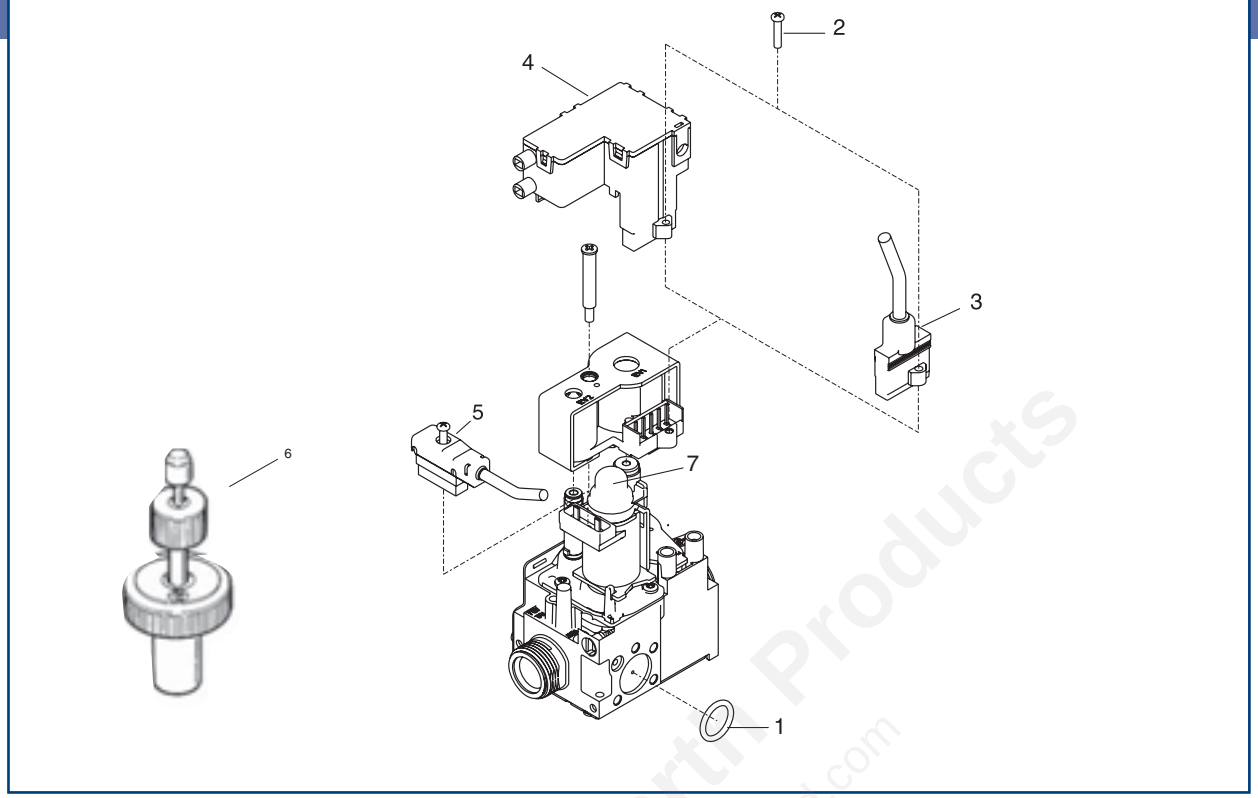




CODES

Codes	Ambient Temperature Range	UK Version	Body Dimension [mm]	Inlet	Outlet displacement	Outlet	Capacity [KW]	EV Electric Supply	EV CLASS	STEP OPENING	MOD Range [mbar]	Pilot Outlet	MOD Electric supply
0843003	0 to60°C	no	80	Flange		Flange	60	230V 50Hz	B+J	2-4mbar	4 - 40	No	230V RAC
0843004	0 to60°C	no	105	Rp 1/2		Rp 1/2	60	230V 50Hz	B+J		4 - 40	No	230V RAC
0843005	0 to60°C	no	113	Male G3/4		Male G3/4	60	230V 50Hz	B+J	Adjust.	4 - 40	No	230V RAC
0843006	0 to60°C	no	80	Flange		Flange	60	230V 50Hz	B+J	Adjust.	4 - 40	No	230V RAC
0843007	0 to60°C	no		Rp 1/2		Rp 1/2	60	230V 50Hz	B+J		4 - 40	No	230V RAC
0843008	-15 to60°C	no	80	Flange		Flange	60	230V 50Hz	B+J		4 - 40	No	230V RAC
0843010	0 to60°C	no	105	Rp 1/2		Rp 1/2	60	230V 50Hz	B+J	Adjust.	4 - 40	Yes	230V RAC
0843011	0 to60°C	no	105	Rp 1/2		Rp 1/2	60	230V 50Hz	B+J		4 - 40	Yes (*)	230V RAC
0843013	-15 to60°C	no	80	Flange		Flange	60	230V 50Hz	B+J	Adjust.	4 - 40	No	230V RAC
0843015	0 to60°C	no	113	Male G3/4		Male G3/4	60	230V 50Hz	B+J		4 - 40	No	230V RAC
0843016	0 to60°C	no	113	Male G3/4		Male G3/4	60	230V 50Hz	B+J		4 - 40	No	230V RAC
0843017	0 to60°C	yes	113	Male G3/4		Male G3/4	60	230V 50Hz	B+J	Adjust.	4 - 40	No	230V RAC
0843018	0 to60°C	no	113	Male G3/4		Male G3/4	60	230V 50Hz	B+J	Adjust.	4 - 40	Yes	230V RAC
0843020	0 to60°C	no	105	Rp 1/2		Rp 1/2	60	230V 50Hz	B+J	Adjust.	4 - 40	No	230V RAC
0843021	0 to60°C	yes	105	Rp 1/2		Rp 1/2	60	230V 50Hz	B+J	Adjust.	4 - 40	Yes	230V RAC

(*) Plugged



SPARE PARTS

N.	Code	Description	Q.ty
A1	0.967158	230 V, 50 Hz solenoid (black color)	10
A2	0.967.159	24 V, 50 Hz solenoid (grey color)	10
A3	0.967.165	220 V, 50 Hz solenoid (blue color)	10

ACCESSORIES

N.	Code	Description	Q.ty	N.	Code	Description	Q.ty
1	0.925.133	O-ring for side outlet	100	4a	0.504.010	Connector/igniter 504 NAC 2 electrodes, 5 wires	20
2	0.953.082	EV1-EV2 plug screw	100	4b	0.504.011	Connector/igniter 504 NAC 2 electrodes, 4 wires	20
3a	0.960.400	EV1-EV2 plug cable-L= 515 mm (4 wires)	20	4c	0.504.012	Connector/igniter 504 NAC 2 electrodes, 5 wires	20
3b	0.960.401	EV1-EV2 plug cable L= 620 mm (3 wires)	20	4d	0.504.013	Connector/igniter 504 NAC-1 electrode, 5 wires	20
3c	0.960.402	EV1-EV2 plug cable L= 1,070 mm (3 wires)	20	5	0.960.450	Modulator device plug + screw L = 210 mm	20
3d	0.960.403	EV1-EV2 plug cable L= 175 mm (4 wires)	20	6	0.999.994	Min-max modulator adjusting tool	5
3e	0.960.404	EV1-EV2 plug cable L= 580 mm (3 wires)	20	7	0.954.151	Modulator plug	100

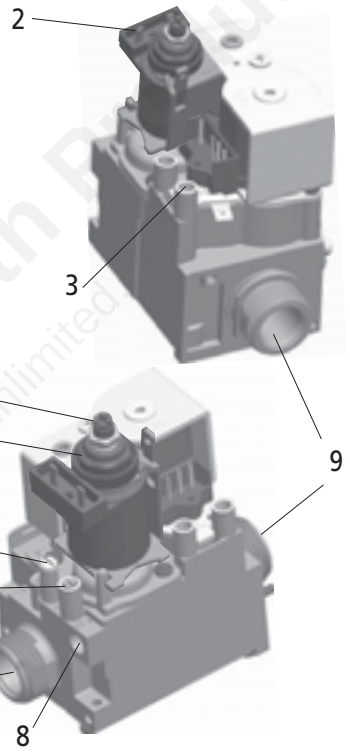
845 SIGMA

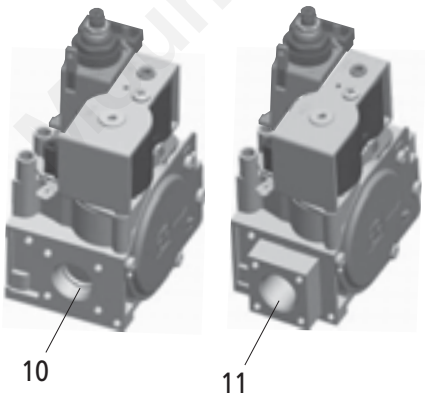
MAIN FEATURES

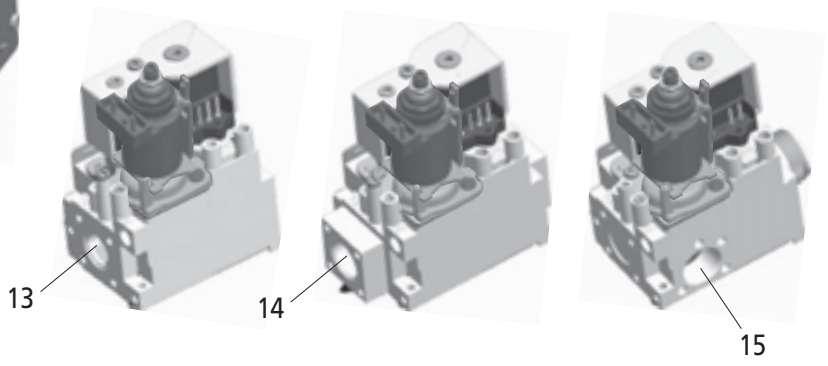
- Two automatic shut-off valves
- Electric modulator
- Servo-controlled pressure regulator
- Step ignition device (optional)
- Pilot outlet (optional) with filter
- Inlet filter
- Outlet filter (optional)
- Inlet and outlet pressure test points with "captured"screw
- Inlet and outlet gas connection available with male or female thread or for flange connection, available side outlet

DESCRIPTION

1 On-off solenoid valve EV1 and EV2 terminals
2 Modulator terminals
3 Inlet pressure test point (Pin)
4 Outlet pressure test point (Pout)
5 Connection for pressure regulator/ combustion chamber compensation
6 Minimum pressure adjustment
7 Maximum pressure adjustment
8 Pilot outlet
9 Male G 3/4 gas inlet
10 Flange gas inlet
11 Female Rp 1/2 gas inlet
12 Male G 3/4 gas outlet
13 Flange gas outlet
14 Female Rp 1/2 gas outlet
15 Side gas outlet





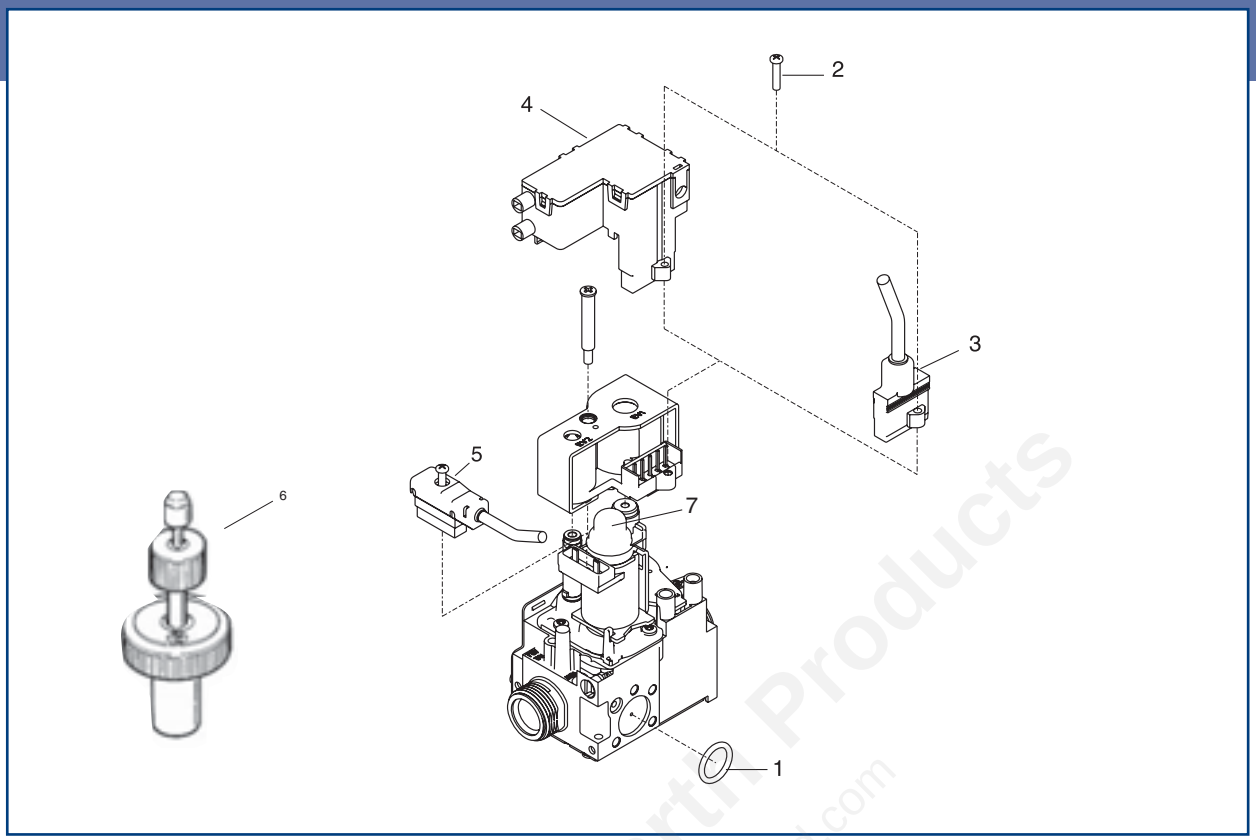


CODES

Codes	Ambient Temperature Range	UK Version	Body Dim. [mm]	Inlet	Outlet displace-ment	Outlet	Capacity (1)	EV Electric Supply	EV Class	MOD Range	Flow Adj.	Pilot outlet	Step Opening	Modulating Device
0845013	0 to 60°C	no	105	Flange		Female M22x1.5	ST	L.E. 24V	B+J	1 - 25mbar		no		165mA (17V)
0845016	0 to 60°C	no	105	Flange		Female M22x1.5	ST	L.E. 24V	B+J	1 - 37mbar		no		165mA (17V)
0845020	-10 to 60°C	yes	80	Flange		Flange	ST	230V 50Hz	B+J	1 - 37mbar	no	no		165mA (17V)
0845021	-20 to 60°C	no	105	Flange		Flange	ST	230V 50Hz	B+J	1 - 20mbar		no		165mA (17V)
0845023	-20 to 60°C	no	105	Flange		Flange	ST	230V 50Hz	B+J	1 - 37mbar		no		165mA (17V)
0845037	0 to 60°C	no	113	Male G3/4		Male G3/4	ST	230V 50Hz	B+J	1 - 37mbar	no	no		310mA (9V)
0845039	-15 to 60°C	no	113	Male G3/4		Male G3/4	ST	230V 50Hz	B+J	1 - 37mbar	no	yes		165mA (17V)
0845043	0 to 60°C	no	113	Male G3/4		Male G3/4	ST	230V 50Hz	B+C	1 - 37mbar	no	no		165mA (17V)
0845046	0 to 60°C	no	113	Male G3/4		Male G3/4	ST	230V 50Hz	B+J	1 - 20mbar	no	no		165mA (17V)
0845047	0 to 60°C	no	113	Male G3/4		Male G3/4	ST	230V 50Hz	B+J	1 - 45mbar	no	no		165mA (17V)
0845048	-15 to 60°C	no	105	Rp1/2		Rp1/2	ST	230V 50Hz	B+J	1 - 37mbar	no	no		310mA (9V)
0845051	0 to 60°C	no	113	Male G3/4		Male G3/4	HI	24V 50Hz	B+J	1 - 37mbar	no	no		165mA (17V)
0845052	0 to 60°C	no	105	Rp1/2		Rp1/2	ST	230V 50Hz	B+J	1 - 37mbar	no	yes		165mA (17V)
0845053	-15 to 60°C	no	105	Flange		Flange	ST	230V 50Hz	B+J	1 - 20mbar	no	no		165mA (17V)
0845054	-15 to 60°C	no	105	Flange		Flange	ST	230V 50Hz	B+J	1 - 37mbar	no	no		165mA (17V)
0845055	-15 to 60°C	no	113	Male G3/4		Male G3/4	ST	230V 50Hz	B+J	1 - 20mbar	yes	yes		165mA (17V)
0845056	0 to 60°C	no	113	Male G3/4		Male G3/4	HI	24V 50Hz	B+J	1 - 37mbar	no	yes		165mA (17V)
0845057	-15 to 60°C	no	113	Male G3/4		Male G3/4	HI	230V 50Hz	B+J	1 - 37mbar	no	no		165mA (17V)
0845058	0 to 60°C	no	113	Male G3/4		Male G3/4	ST	230V 50Hz	B+J	1 - 37mbar	no	no		165mA (17V)
0845059	0 to 60°C	no	80	Flange		Flange	ST	230V 50Hz	B+J	1 - 37mbar	no	no		165mA (17V)
0845061	0 to 60°C	no	80	Flange		Flange	ST	230V 50Hz	B+J	1 - 37mbar	no	no		165mA (17V)
0845062	-15 to 60°C	no	80	Flange		Flange	ST	230V 50Hz	B+J	1 - 37mbar	no	no		165mA (17V)
0845063	-10 to 60°C	no	113	Male G3/4		Male G3/4	ST	230V 50Hz	B+J	1 - 37mbar	no	no		310mA (9V)
0845064	0 to 60°C	no	80	Flange		Flange	HI	230V 50Hz	B+J	1 - 37mbar	no	no		165mA (17V)
0845065	-15 to 60°C	no	113	Male G3/4		Male G3/4	ST	24V 50Hz	B+J	1 - 37mbar	no	no		165mA (17V)
0845067	0 to 60°C	no	80	Flange		Flange	ST	24V 50Hz Rac	B+C	1 - 20mbar	no	no		165mA (17V)
0845070	-15 to 60°C	no	113	Male G3/4		Male G3/4	ST	230V 50Hz	B+J	1 - 37mbar	no	no		165mA (17V)
0845071	0 to 60°C	no	105	Rp1/2		Rp1/2	ST	230V 50Hz	B+J	3 - 37mbar	no	no	Adjust.	165mA (17V)
0845073	-15 to 60°C	no	105	Flange		Flange	ST	230V 50Hz	B+J	1 - 37mbar	no	no		165mA (17V)
0845074	-15 to 60°C	no	105	Flange		Flange	ST	230V 50Hz	B+J	1 - 20mbar	no	no		165mA (17V)
0845075	0 to 60°C	yes	80	Flange		Flange	ST	230V 50Hz	B+C	1 - 37mbar	no	yes		165mA (17V)
0845076	-15 to 60°C	no	113	Male G3/4		Male G3/4	HI	230V 50Hz	B+J	1 - 37mbar	no	no		310mA (9V)
0845077	-20 to 60°C	no	105	Flange		Flange	ST	230V 50Hz	B+J	1 - 37mbar	yes	no		165mA (17V)
0845078	-15 to 60°C	no	113	Male G3/4		Male G3/4	ST	230V 50Hz	B+J	1 - 20mbar	no	no		165mA (17V)
0845079	-15 to 60°C	no	113	Male G3/4		Male G3/4	ST	230V 50Hz	B+J	1 - 37mbar	no	no		165mA (17V)
0845080	-15 to 60°C	no	105	Flange		Flange	ST	230V 50Hz	B+J	1 - 37mbar	no	no		165mA (17V)
0845081	-15 to 60°C	no	113	Male G3/4		Male G3/4	ST	230V 50Hz	B+J	1 - 20mbar	no	no		165mA (17V)
0845082	-15 to 60°C	no	80	Flange		Flange	ST	230V 50Hz	B+J	1 - 37mbar	no	no		310mA (9V)
0845083	0 to 60°C	yes	113	Male G3/4		Male G3/4	ST	230V 50Hz	B+J	1 - 37mbar	no	no		165mA (17V)
0845084	0 to 60°C	yes	113	Male G3/4		Male G3/4	ST	230V 50Hz	B+J	1 - 37mbar	no	no		165mA (17V)
0845085	-10 to 60°C	yes	113	Male G3/4		Male G3/4	HI	230V 50Hz	B+J	1 - 37mbar	no	no		310mA (9V)
0845088	0 to 60°C	no	105	1/2" NPT		1/2" NPT	ST	230V 50Hz	B+J	1 - 37mbar	no	M10		165mA (17V)
0845089	0 to 60°C	yes	80	Flange		Flange	ST	230V 50Hz	B+J	1 - 37mbar	no	no		165mA (17V)
0845091	0 to 60°C	no	105	Flange		Flange	ST	230V 50Hz	B+J	1 - 20mbar	no	no		165mA (17V)
0845093	-15 to 60°C	no	113	Male G3/4		Male G3/4	ST	230V 50Hz	B+J	1 - 36mbar	no	no		165mA (17V)
0845094	0 to 60°C	yes	113	Male G3/4		Male G3/4	HI	24V 50Hz	B+J	1 - 37mbar	no	no		165mA (17V)

Codes	Ambient Temperature Range	UK Version	Body Dim. [mm]	Inlet	Outlet displace-ment	Outlet	Capacity (1)	EV Electric Supply	EV Class	MOD Range	Flow Adj.	Pilot outlet	Step Opening	Modulating Device
0845095	0 to 60°C	yes	113	Male G3/4		Male G3/4	ST	230V 50Hz	B+J	1 - 20mbar	no	no		165mA (17V)
0845096	32 to 140°F	no	105	1/2" NPT		1/2" NPT	ST	120V 60Hz		0,5 - 10 WC	no	7/16" uns		165mA (17V)
0845097	0 to 60°C	no	105	1/2" NPT		1/2" NPT	HI	24V 60Hz	B+J	1 - 37mbar	no	no		165mA (17V)
0845098	-15 to 60°C	no	113	Male G3/4		Male G3/4	ST	230V 50Hz	B+J	1 - 37mbar	no	no		165mA (17V)
0845099	5 to 140°F	no	105	Rp1/2		Rp1/2	ST	120V 60Hz	B+J	0,4 - 11 WC	no	no		310mA (9V)
0845101	-10 to 60°C	yes	113	Male G3/4		Male G3/4	ST	230V 50Hz	B+J	1 - 37mbar	no	no		310mA (9V)
0845102	-15 to 60°C	no	113	Male G3/4		Male G3/4	ST	230V 50Hz	B+J	1 - 20mbar	yes	yes	Adjust.	165mA (17V)
0845105	-10 to 60°C	no	113	Male G3/4		Male G3/4	ST	24V Rac	B+J	1 - 37mbar	no	no		165mA (17V)
0845106	-10 to 60°C	no	113	Male G3/4		Male G3/4	ST	230V 50Hz	B+J	1 - 37mbar	no	no		165mA (17V)
0845107	-10 to 60°C	no	80	Flange		Flange	ST	230V 50Hz	B+J	1 - 37mbar	no	no		165mA (17V)
0845108	-15 to 60°C	no	113	Male G3/4		Male G3/4	ST	230V 50Hz	B+J	1 - 37mbar	no	no		165mA (17V)
0845109	-15 to 60°C	no	113	Male G3/4		Male G3/4	ST	230V 50Hz	B+J	1 - 37mbar	no	no		310mA (9V)
0845110	-10 to 60°C	no	113	Male G3/4		Male G3/4	ST	230V 50Hz	B+J	1 - 37mbar	no	no		165mA (17V)
0845111	-15 to 60°C	no	113	Male G3/4		Male G3/4	HI	220V 60Hz	B+J	1 - 37mbar	no	no		165mA (17V)
0845113	0 to 60°C	no	105	1/2" NPT		1/2" NPT	ST	24V 50Hz	B+J	1 - 37mbar	no	yes		165mA (17V)
0845114	-10 to 60°C	yes	113	Male G3/4		Male G3/4	ST	230V 50Hz	B+J	1 - 37mbar	no	no		165mA (17V)

(1) ST = Standard Capacity,
HI = High Capacity



SPARE PARTS

N.	Code	Description	Q.ty
A1	0.967158	230 V, 50 Hz solenoid (black color)	10
A2	0.967.159	24 V, 50 Hz solenoid (grey color)	10
A3	0.967.165	220 V, 50 Hz solenoid (blue color)	10

ACCESSORIES

N.	Code	Description	Q.ty	N.	Code	Description	Q.ty
1	0.925.133	O-ring for side outlet	100	4a	0.504.010	Connector/igniter 504 NAC 2 electrodes, 5 wires	20
2	0.953.082	EV1-EV2 plug screw	100	4b	0.504.011	Connector/igniter 504 NAC 2 electrodes, 4 wires	20
3a	0.960.400	EV1-EV2 plug cable-L= 515 mm (4 wires)	20	4c	0.504.012	Connector/igniter 504 NAC 2 electrodes, 5 wires	20
3b	0.960.401	EV1-EV2 plug cable L= 620 mm (3 wires)	20	4d	0.504.013	Connector/igniter 504 NAC-1 electrode, 5 wires	20
3c	0.960.402	EV1-EV2 plug cable L= 1,070 mm (3 wires)	20	5	0.960.450	Modulator device plug + screw L = 210 mm	20
3d	0.960.403	EV1-EV2 plug cable L= 175 mm (4 wires)	20	6	0.999.994	Min-max modulator adjusting tool	5
3e	0.960.404	EV1-EV2 plug cable L= 580 mm (3 wires)	20	7	0.954.151	Modulator plug	100

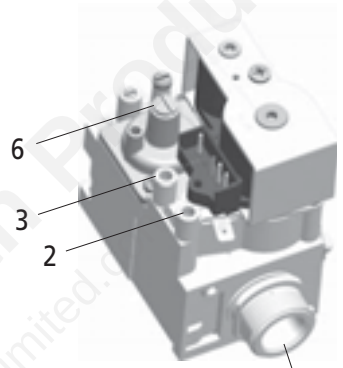
848 SIGMA

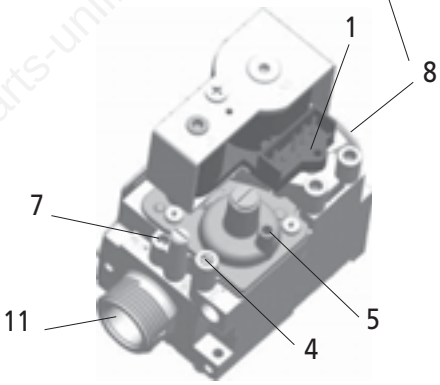
MAIN FEATURES

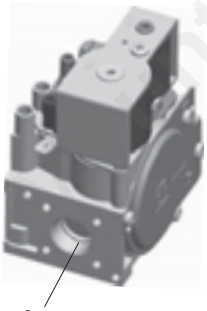
- Two automatic shut-off valves
- Pneumatic modulator with 1:1 gas-air pressure ratio
- Servo-controlled pressure regulator
- Gas-air ratio adjuster (optional)
- Inlet filter
- Outlet filter (optional)
- Inlet, outlet and additional pressure test points with "captured" screw
- Inlet and outlet gas connection available with male or female thread or for flange connection, available side outlet

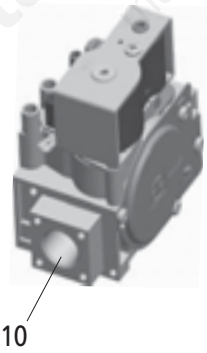
DESCRIPTION

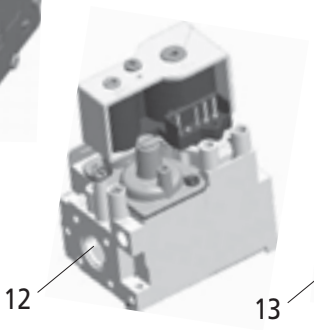
1 On-off solenoid valve EV1 and EV2 terminals
2 Inlet pressure test point (Pin)
3 Outlet pressure test point (Pint)
4 Additional outlet pressure test point (Pout)
5 Air signal connection port
6 Zero adjustment (offset)
7 Gas-air ratio adjuster
8 Male G 3/4 gas inlet
9 Flange gas inlet
10 Female Rp 1/2 gas inlet
11 Male G 3/4 gas outlet
12 Flange gas outlet
13 Female Rp 1/2 gas outlet
14 Side gas outlet.

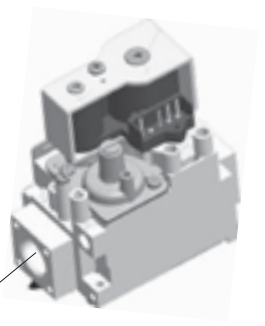


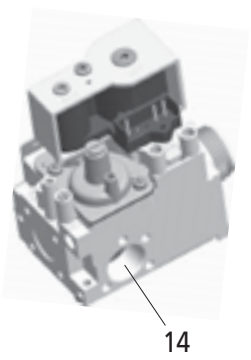












CODES

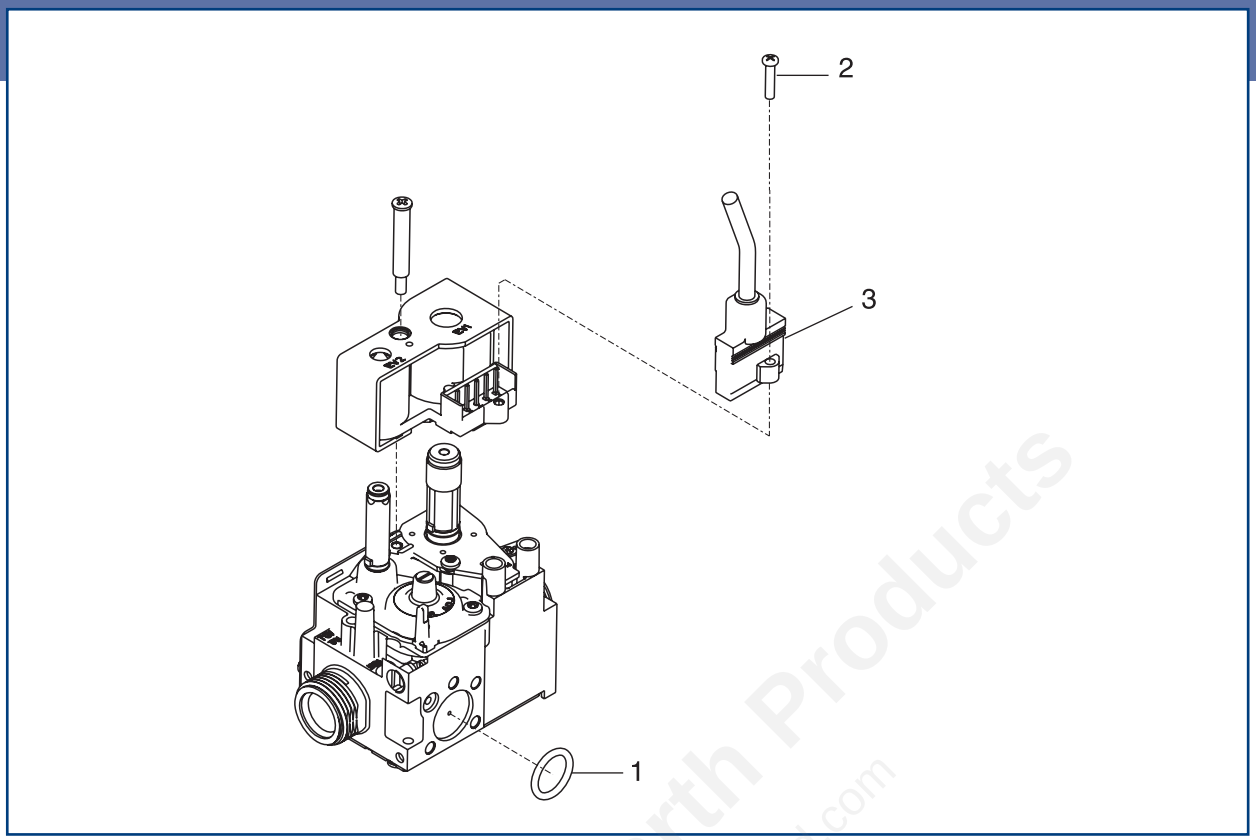
Codes	Ambient tempera-ture range	RoHS Version	UK Ver-sion	Body lenght [mm]	Inlet	Outlet displace-ment	Outlet	Capacity (1)	EV Electric supply	EV Class	Ratio Adjuster (2)
1848001	-10÷60	yes	yes	98	Male G3/4		Flange		22 Vdc	B+C	HP
0848002	-10÷60		yes	105	Female Rp1/2		Female Rp1/2	ST	230V 50Hz	B+C	HP
0848003	-10÷60		no	113	Male G3/4		Male G3/4		230V 50Hz	B+C	HP
0848004	0÷60		yes	113	Male G3/4		Male G3/4	ST	230V 50Hz	B+C	HP
0848005	0÷60		yes	80	Flange		Flange	ST	24V 50Hz	B+C	ST
0848006	-15÷60		yes	113	Male G3/4		Male G3/4	ST	24V RAC	B+C	ST
0848009	0÷60		no	113	Male G3/4		Male G3/4	ST	24V 50Hz	B+C	ST
0848010	0÷60		no	113	Male G3/4		Male G3/4	ST	220V 60Hz	B+J	ST
0848011	0÷60		no	113	Male G3/4		Male G3/4	ST	230V 50Hz	B+C	ST
0848012	0÷60		no	113	Male G3/4		Male G3/4	ST	220V 60Hz	B+C	ST
0848015	0÷60		no	80	Flange	Side	Ø.14-3 holes M5	ST	230V 50Hz	B+J	no
0848016	0÷60		no	113	Male G3/4		Male G3/4	ST	230V 50Hz	B+C	ST
0848017	0÷60		no	113	Male G3/4		Male G3/4	ST	24V 50Hz	B+J	ST
0848019	0÷60		no	80	Flange		Flange	ST	230V 50Hz	B+C	ST
0848022	0÷60		no	113	Male G3/4		Male G3/4	ST	230V 50Hz	B+C	HP
0848024	0÷60		no	113	Male G3/4		Male G3/4	ST	24V 50Hz	B+C	ST
0848026	0÷60		no	105	Female Rp1/2		Female Rp1/2	ST	24V RAC	B+C	ST
0848028	0÷60		no	98	Male G3/4	Side	Ø.20-2 holes M5	ST	24V RAC	B+C	no
0848029	0÷60		no	113	Male G3/4		Male G3/4	ST	230V 50Hz	B+C	ST
0848030	0÷60		no	105	Female Rp1/2		Female Rp1/2	ST	24V 50Hz	B+C	no
0848032	0÷60		no	113	Male G3/4		Male G3/4	ST	230V 50Hz	B+C	ST
0848033	0÷60		no	80	Flange	Side	Ø.14-3 holes M5	ST	230V 50Hz	B+C	ST
0848034	0÷60		no	113	Male G3/4		Male G3/4	ST	230V 50Hz	B+C	ST
0848035	0÷60		no	113	Male G3/4		Male G3/4	ST	230V 50Hz	B+C	ST
0848036	0÷60		no	113	Male G3/4		Male G3/4	ST	24V 50Hz	B+C	ST
0848037	0÷60		no	113	Male G3/4		Male G3/4	ST	230V 50Hz	B+C	no
0848038	0÷60		yes	105	Female Rp1/2		Female Rp1/2	ST	230V 50Hz	B+C	no
0848039	0÷60		yes	105	Female Rp1/2		Female Rp1/2	ST	230V 50Hz	B+C	ST
0848040	0÷60		yes	80	Flange	Side	Ø.20-3 holes M5	ST	230V 50Hz	B+C	ST
0848041	0÷60		no	105	Female Rp1/2		Female Rp1/2	ST	230V 50Hz	B+C	ST
0848042	0÷60		no	113	Male G3/4		Male G3/4	ST	230V 50Hz	B+C	ST
0848043	0÷60		yes	113	Male G3/4		Male G3/4	ST	230V 50Hz	B+C	ST
0848045	0÷60		yes	113	Male G3/4		Male G3/4	ST	230V 50Hz	B+C	ST
0848046	0÷60		no	113	Male G3/4		Male G3/4	ST	24V RAC	B+C	ST
0848047	0÷60		no	80	Flange		Flange	ST	220V 60Hz	B+C	ST
0848049	-10÷60		yes	113	Male G3/4		Male G3/4	ST	230V 50Hz	B+C	ST
0848051	-10÷60		yes	105	Female Rp1/2		Female Rp1/2	HI	230V 50Hz	B+J	ST
0848052	0÷60		no	113	Male G3/4		Male G3/4	ST	230V 50Hz	B+C	ST
0848054	-10÷60		yes	105	Female Rp1/2		Female Rp1/2	ST	230V 50Hz	B+C	HP
0848055	-10÷60		yes	98	Male G3/4		Ø.20-3 holes M5	ST	230V 50Hz	B+C	HP
0848057	0÷60		no	113	Male G3/4		Male G3/4	ST	230V 50Hz	B+C	no
0848058	0÷60		yes	113	Male G3/4		Male G3/4	ST	24V 50Hz	B+C	ST
0848059	0÷60		yes	113	Male G3/4		Male G3/4	ST	230V 50Hz	B+C	no
0848061	0÷60		yes	113	Male G3/4		Male G3/4	ST	230V 50Hz	B+C	no

Codes	Ambient tempera-ture range	RoHS Version	UK Ver-sion	Body lenght [mm]	Inlet	Outlet displace-ment	Outlet	Capacity (1)	EV Electric supply	EV Class	Ratio Adjuster (2)
0848063	0÷60		yes	98	Male G3/4	Side	Ø.20-3 holes M5	ST	230V 50Hz	B+C	ST
0848065	-15÷60		no	113	Male G3/4		Male G3/4	ST	220V 60Hz	B+C	no
0848066	14-140°F		yes	105	Flange		Flange	ST	120V 60Hz	B+C	HP
0848067	-10÷60		yes	98	Male G3/4		Flange		22 Vdc	B+C	HP
1848067	-10÷60	yes	yes	98	Male G3/4		Flange		22 Vdc	B+C	HP
0848068	0÷60		yes	98	Male G3/4		Flange		230V 50Hz	B+C	HP
0848069	-10÷60		yes	113	Male G3/4		Male G3/4	ST	24V 50Hz	B+J	ST
0848070	0÷60		no	105	Female Rp1/2		Female Rp1/2	ST	230V 50Hz	B+C	ST
0848071	0÷60		yes	113	Male G3/4		Male G3/4	ST	24V 50Hz	B+C	ST
0848072	-10÷60		yes	113	Male G3/4		Male G3/4	ST	230V 50Hz	B+C	ST
0848073	0÷60		yes	105	Female Rp1/2		Female Rp1/2	ST	230V 50Hz	B+C	ST
0848074	-10÷60		yes	113	Male G3/4		Male G3/4	ST	230V 50Hz	B+C	HP
0848075	-10÷60		yes	113	Male G3/4		Male G3/4	HI	120V 60Hz	B+C	ST
0848077	0÷60		yes	113	Male G3/4		Male G3/4	ST	230V 50Hz	B+C	ST
0848078	0÷60		no	105	Female Rp1/2		Female Rp1/2	ST	230V 50Hz	B+C	no
0848079	0÷60		no	105	Female Rp1/2		Female Rp1/2	ST	230V 50Hz	B+C	HP
0848080	0÷60		no	113	Male G3/4		Male G3/4	ST	230V 50Hz	B+C	HP
0848082	0÷60		no	113	Male G3/4		Male G3/4	ST	230V 50Hz	B+C	ST
0848083	0÷60	yes	no	113	Male G3/4		Male G3/4	ST	230V 50Hz	B+C	no
0848085	-15÷60		no	80	Flange	Side	Ø.14-3 holes M5	ST	220V 60Hz	B+C	ST
0848086	0÷60		no	80	Flange		Flange	ST	230V 50Hz	B+C	ST
0848087	0÷60		no	113	Male G3/4		Male G3/4	ST	230V 50Hz	B+C	no
0848088	0÷60	yes	yes	98	Male G3/4	Side	Ø.20-2 holes M5		24V RAC	B+C	no
0848089	0÷60		yes	113	Male G3/4		Male G3/4	ST	230V 50Hz	B+C	no
0848090	-15÷60	yes	no	98	Male G3/4	Side	Ø.20-2 holes M5	ST	24V RAC	B+C	no
0848092	0÷60		no	105	Female Rp1/2		Female Rp1/2	ST	220V 60Hz	B+J	no
0848093	0÷60		yes	132	Male G3/4		Male G3/4		31 Vdc	B+C	HP
0848094	0÷60		no	98	Male G3/4		Ø.20-3 holes M5	ST	230V 50Hz	B+C	HP
0848095	0÷60	yes	yes	113	Male G3/4		Male G3/4	ST	21V Vdc	B+C	no
0848096	0÷60		yes	113	Male G3/4		Male G3/4	ST	24V 50Hz	B+C	ST
0848097	0÷60		no	113	Male G3/4		Male G3/4	ST	230V 50Hz	B+C	HP
0848098	0÷60		yes	113	Male G3/4		Male G3/4	ST	230V 50Hz	B+C	HP
0848099	0÷60		yes	98	Male G3/4	Side	Ø.20-2 holes M5	ST	24V RAC	B+C	no
0848102	-10÷60		yes	105	Female Rp1/2		Female Rp1/2	ST	230V 50Hz	B+C	HP
0848105	0÷60		yes	132	Male G3/4		Male G3/4		31 Vdc	B+C	HP
0848106	-10÷60		yes	113	Male G3/4		Male G3/4	ST	24V RAC	B+C	HP
0848107	-10÷60		yes	113	Male G3/4		Male G3/4	ST	230V 50Hz	B+C	HP
0848108	-10÷60	yes	yes	113	Male G3/4		Male G3/4	ST	31 Vdc	B+C	no
0848110	-10÷60		yes	113	Male G3/4		Male G3/4	ST	230V 50Hz	B+C	ST
0848111	-10÷60		yes	98	Male G3/4		Ø.20-3 holes M5	ST	230V 50Hz	B+C	ST
0848112	0÷60	yes	yes	113	Male G3/4		Male G3/4	ST	21V Vdc	B+C	HP
0848117	-15÷60	yes	no	98	Male G3/4	Side	Ø.20-3 holes M5	ST	230V 50Hz	B+C	no
0848119	-10÷60		yes	113	Male G3/4		Male G3/4	HI	230V 50Hz	B+J	ST
0848120	14-140°F		yes	113	Male 1/2NPT		Male 1/2NPT	ST	24V 60Hz	B+J	ST

Codes	Ambient tempera-ture range	RoHS Version	UK Ver-sion	Body lenght [mm]	Inlet	Outlet displace-ment	Outlet	Capacity (1)	EV Electric supply	EV Class	Ratio Adjuster (2)
0848121	-10÷60		yes	113	Male G3/4		Male G3/4	HI	230V 50Hz	B+J	HP
0848122	-15÷60	yes	yes	98	Male G3/4	Side	Ø.20-2 holes M5	ST	24V RAC	B+C	no
0848123	-10÷60		yes	98	Male G3/4	Side	Ø.20-3 holes M5	ST	230V 50Hz	B+C	HP
0848125	0÷60		yes	98	Male G3/4	Side	Ø.14-3 holes M5	ST	230V 50Hz	B+C	HP
0848126	5-140°F		yes	105	Female Rp1/2		Female Rp1/2	ST	120V 60Hz	B+C	no
0848127	-10÷60		yes	113	Male G3/4		Male G3/4	ST	230V 50Hz	B+C	HP
0848128	0÷60		yes	80	Flange		Flange	ST	230V 50Hz	B+C	HP
0848129	-15÷60		no	113	Male G3/4		Male G3/4	ST	230V 50Hz	B+C	ST
0848130	-10÷60		no	113	Male G3/4		Male G3/4	ST	230V 50Hz	B+C	ST
0848133	-15÷60		no	113	Male G3/4		Male G3/4	ST	230V 50Hz	B+C	ST
0848135	-15÷60		no	113	Male G3/4		Male G3/4	ST	230V 50Hz	B+C	ST
0848138	-15÷60		no	113	Male G3/4		Male G3/4	ST	230V 50Hz	B+C	ST
0848139	-10÷60		yes	105	Female Rp1/2		Female Rp1/2	ST	230V 50Hz	B+C	HP
0848140	-10÷60		yes	105	Female Rp1/2		Female Rp1/2	ST	230V 50Hz	B+C	HP
0848143	-10÷60		yes	105	Female Rp1/2		Female Rp1/2	ST	230V 50Hz	B+C	HP
0848146	-10÷60		yes	105	Female Rp1/2		Female Rp1/2	ST	230V 50Hz	B+C	HP
0848149	-10÷60	yes	yes	113	Male G3/4		Male G3/4	ST	31 Vdc	B+C	no
0848151	-15÷60	yes	no	98	Male G3/4	Side	Ø.20-3 holes M5	ST	230V 50Hz	B+C	HP
0848152	-15÷60	yes	yes	98	Male G3/4	Side	Ø.20-2 holes M5	ST	24V RAC	B+C	HP
0848154	-10÷60		yes	105	Female Rp1/2		Female Rp1/2	ST	230V 50Hz	B+C	HP
0848156	14-140°F		yes	105	Flange		Flange	ST	230V 50Hz	B+C	HP
0848158	-10÷60		yes	80	Female Rp1/2		Female Rp1/2	ST	230V 50Hz	B+C	HP
0848159	-15÷60		yes	113	Male G3/4		Male G3/4	ST	230V 50Hz	B+C	ST
0848166	14-140°F		yes	105	Female Rp1/2		Female Rp1/2	ST	120V 60Hz	B+C	HP

(1) ST = Standard Capacity,
HI = High Capacity

(2) Ratio Adjuster:
no = not present
ST = Standard
HP = High Power



SPARE PARTS

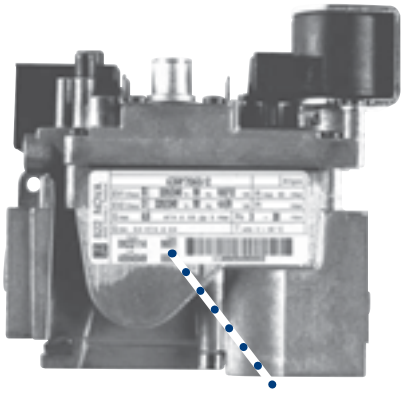
N.	Code	Description	Q.ty
A1	0.967158	230 V, 50 Hz solenoid (black color)	10
A2	0.967.159	24 V, 50 Hz solenoid (grey color)	10
A3	0.967.165	220 V, 50 Hz solenoid (blue color)	10

ACCESSORIES

N.	Code	Description	Q.ty
1	0.925.133	O-ring for side outlet	100
2	0.953.082	EV1-EV2 plug screw	100
3a	0.960.400	EV1-EV2 plug cable-L= 515 mm (4 wires)	20
3b	0.960.401	EV1-EV2 plug cable L= 620 mm (3 wires)	20
3c	0.960.402	EV1-EV2 plug cable L= 1,070 mm (3 wires)	20
3d	0.960.403	EV1-EV2 plug cable L= 175 mm (4 wires)	20
3e	0.960.404	EV1-EV2 plug cable L= 580 mm (3 wires)	20

READ THE SIT LABEL

The label impressed on SIT products gives the identification code as well as other information which may be useful for the user. Let us look at it.

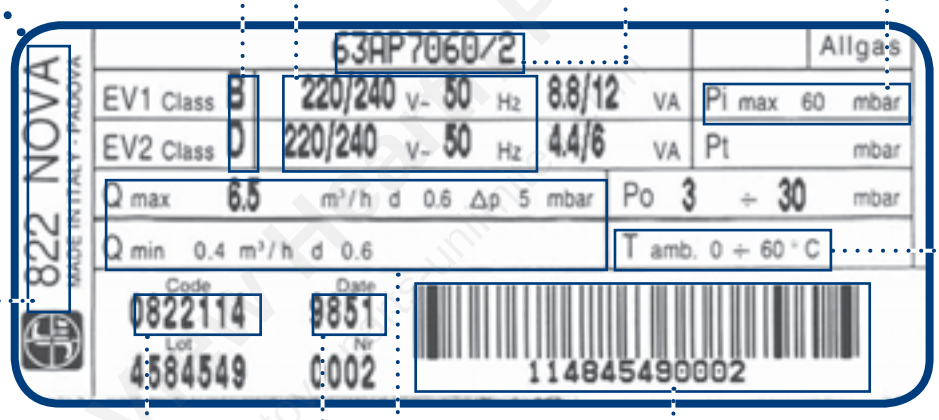


Counterpressure class of the sealing valve. This information identifies the resistance rating of the tightness of the valves themselves at pressures in the opposite direction to that normally found in the piping, in accordance with EN 161 "Automatic sectioning valves for gas burners".

Maximum inlet pressure.
The maximum permitted gas inlet pressure for good operation of the control is indicated.

PIN (Product Identification Number): this alphanumerical code unequivocally identifies the compliance of the product with the standards in force, certified by an accredited certifying body.

Electric power supply.
The electric power supply voltage and frequency conditions are indicated for any solenoid valves.



Series the product belongs to (family)

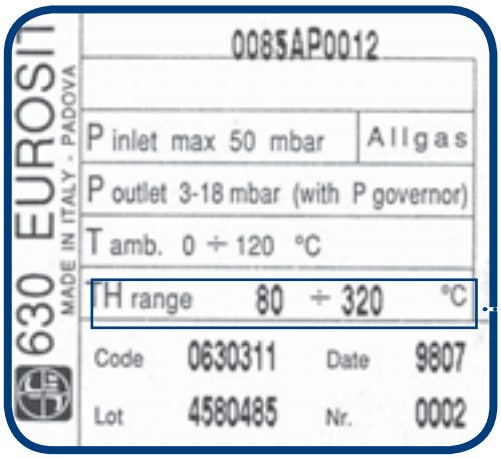
Identification code (see page 7)

Date of manufacture. The first two figures indicate the year and the second two the week of the year the control was manufactured.

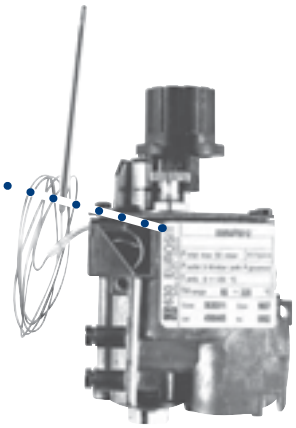
Maximum flow rate. Minimum flow rate. These values respectively indicate the recommended maximum and minimum values of the gas flow rate through the control in the conditions specified and for the type of gas indicated.

Environmental temperature. The environmental temperature to which the control is subjected must not exceed the limits specified so as to guarantee correct operation.

Bar code (code 93). This code which can be read by an optical reader contains all the information shown on the label.



Thermostat temperature range. This datum gives the working range of the thermostat (if fitted).



STANDARDS

SIT controls have been designed and built in accordance with European Directive (GAD) 90/396 (also called the "Gas" directive).
Conformity is certified by special accredited bodies which issue the PIN (Product Identification Number) shown on the label of all SIT products.
The PIN is exhaustive for certifying the conformity of the controls in question.
Along with the SIT product, the Customer is given a copy of the declaration of conformity drawn up by the manufacturer as required by Directive 90/396.

The PIN numbers of all the products shown in this catalogue and reference standard are given for information.

Product	*PIN*	*standard*
310 GAS	*0085AQ0950*	*DIN 3398-1*
380 ARIA	*0085AQ0951*	*DIN 3398-1*
501 EFD	*0063AT1957*	*EN 298*
503 EFD	*0063AT1019*	*EN 298*
537 ABC	*0063AT1987*	*EN 298*
630 EUROSIT	*0085AP0012*	*EN 126*
710 MINISIT	*0085AQ0287*	*EN 126*
810 ELETTROSIT	*63AN7060/3*	*EN 126*
820 NOVA	*63AP7060/2*	*EN 126*
822 NOVA	*63AP7060/2*	*EN 126*
822 NOVAMIX	*63AP7060/2*	*EN 126*
824 NOVA	*63AP7060/2*	*EN 126*
825 NOVA	*63AP7060/2*	*EN 126*
826 NOVA	*63AP7060/2*	*EN 126*
827 NOVA	*63AP7060/2*	*EN 126*
828 NOVAMIX	*63AP7060/2*	*EN 126*
830 TANDEM	*63AP7060/4*	*EN 126*
836 TANDEM	*63AP7060/4*	*EN 126*
837 TANDEM	*63AP7060/4*	*EN 126*
840 SIGMA	*0063AS4831*	*EN126*
843 SIGMA	*0063AS4831*	*EN 126*
845 SIGMA	*0063AS4831*	*EN 126*

STANDARDS

GENERAL PRECAUTIONS FOR THE USE AND INSTALLATION OF SIT PRODUCTS

SIT gas controls are safety devices and must not be opened or tampered with for any reason (repair etc.). If any such operations are carried out, SIT declines all responsibility for damages resulting from improper actions.

Whenever malfunctions or problems arise, replace the device with an original SIT spare with a conformity certificate.

Comply with the following instructions scrupulously during the replacement operations.

1. Check that the code of the spare part corresponds with the product to replace, accessories included.
   If it does not, consult the dealer.

2. Cut off the gas and electricity supplies to the appliance before every operation.

3. Carefully study the instructions both of the spare part and of the appliance and faithfully follow the replacement operations.

4. When the replacement is complete, check the electrical connections, and the gas connections and seals.

5. Run the appliance and make any settings, scrupulously following the indications of the manufacturer of the appliance.
   When the adjustment has been made, put back any protective screws and/or seal the same.

6. Check the efficiency of the appliance.

GLOSSARY

Piezoelectric ignition	Device in which the electric discharge used to ignite the fuel mixture is obtained by applying a mechanical force to certain materials (piezoelectric-effect crystals).
Restart interlock	Mechanism integrated in thermoelectric safety systems for preventing any immediate manual reopening of the gas flow to the main burner. In practical terms, after the gas control has been closed, its resetting is prevented until the magnet unit has returned to the safety position. This restart interlock is usually simply called an "interlock".
Pressure regulator class	Classification specified in the standards relating to pressure regulators (EN 88). This classification (A, B or C) is an indication in descending order of the regulator's performance in relation to variations in the inlet pressure and flow rate of the gas.
Shut-off valve class	Classification specified in the standards relating to gas valves (EN 161 / EN 126). This classification (A, B or C) is an indication in descending order of the closing strength of the valve concerned.
Automatic control	Electrically-operated multi-functional control that is combined with an electronic burner control device to enable a completely automatic ignition and control process.
Thermoelectric gas control	Multi-functional control in which the safety function is guaranteed by the thermocouple/magnet unit system.
Thermostatic gas control	Multi-functional gas control with temperature control functions provided by means of variations in the gas flow that depend on the temperature of a sensor, without the need for any auxiliary electric energy.

GLOSSARY

Multi-functional gas control	Device with two or more functions, one of which is to shut off the gas flow, integrated in a single body. Commonly also called "valve".
Multi-functional gas/air control	Multi-functional control which integrates the gas/air regulating function, which enables the control to regulate the outlet pressure of the gas on the basis of an air pressure signal. In this way, the quantity of gas delivered by the control can be regulated on the basis of the quantity of air available for combustion.
EUROSIT	Family of SIT products. These are thermostatic controls. All the products in the EUROSIT range have code numbers beginning with the figures 0.630.xxx.
Gas family	Fuel gases are divided into three families. The standard defines them on the basis of an index (the Wobbe index). Basically, the first family includes the so-called "town gases", the second covers the natural gases and the third the liquefied petroleum gases (LPG).
EMF	Electro-motive force; this corresponds to the difference in electric potential (voltage).
Magnet unit	Device that can be set manually to enable the gas flow only in the presence of an electromotive force generated by a thermocouple.
MINISIT	Family of SIT products. These are thermostatic controls. All the products in the MINISIT range have code numbers beginning with the figures 0.710.xxx.
EN standard XXX	European standard issued by the CEN under mandate from the European Commission and applicable to all members of the CEN (European Union members states plus some other countries). The EN standards establish requirements concerning safety, construction and performance.

GLOSSARY

NOVA	Family of SIT products. These are electrically-operated controls characterized by a distance between centers of 115 mm and suitable for appliances up to 70 kW. All the products in the NOVA range have code numbers beginning with the figures 0.82x.xxx.
NOVAMIX	Products in the NOVA range with an integrated pneumatic gas/air regulating function.
Gas/air ratio	Relationship between the pneumatic air signal delivered to the multi-functional gas/air control and the control's gas outlet pressure. For instance, a gas/air control with a ratio of 1:9 behaves so that if it receives an air pressure signal of 1 mbar its gas outlet pressure is regulated on 9 mbar.
Servo-assisted pressure regulator	Pressure regulator in which the regulating function is implemented through a specific "servo" circuit installed in parallel with the main gas flow.
SIGMA	Family of SIT products. These are electrically-operated controls characterized by a distance between centers of 80 mm and suitable for appliances up to 60 kW. All the products in the SIGMA range have code numbers beginning with the figures 0.84x.xxx.
TANDEM	Family of SIT products. These are electrically-operated controls characterized by a distance between centers of 105 mm and suitable for appliances up to 40 kW. All the products in the TANDEM range have code numbers beginning with the figures 0.83x.xxx.
Thermocouple	Element comprising two dissimilar metals in which a difference in electric potential is created as a result of a temperature difference between the higher temperature side (hot joint) and the lower temperature side (cold joint), said potential being proportional to the difference in temperature.

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PRODUCT LINE

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