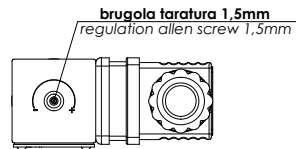
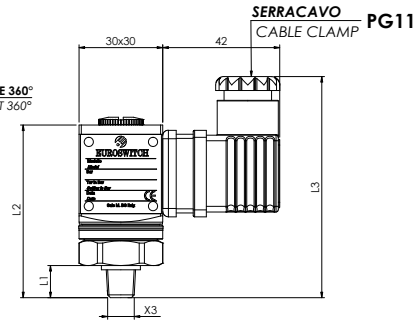
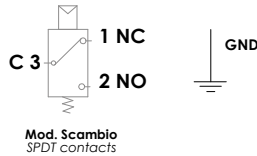
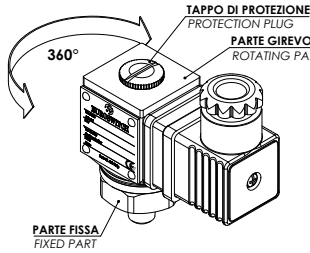




SISTEMA GIREVOLE
ROTATING SYSTEM



	Codice Part number	Campo di regolazione Setting range bar	Tolleranza a 20°C Tolerance at 20°C bar
Membrana Diaphragm	24 0 ▲ ● ■ 1	0.3 - 5	± 0.15
	24 0 ▲ ● ■ 2	1 - 10	± 0.5
	24 0 ▲ ● ■ 3	10 - 25	± 1
	24 0 ▲ ● ■ 4	25 - 80	± 2,5
Pistone Piston	24 0 ▲ ● ■ 5	50 - 200	± 2÷10
	24 0 ▲ ● ■ 6	100 - 400	± 3÷15

▲ Materiale Corpo Attacco a processo Case Material Thread connection
0 Acciaio Zincato 0 Zinc plated steel case
2 Acciaio Inox AISI 316L* 2 Stainless steel AISI 316L*

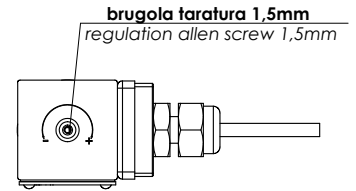
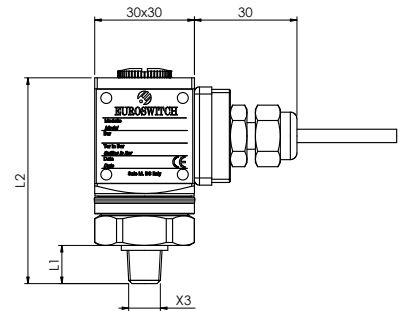
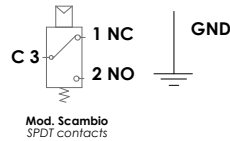
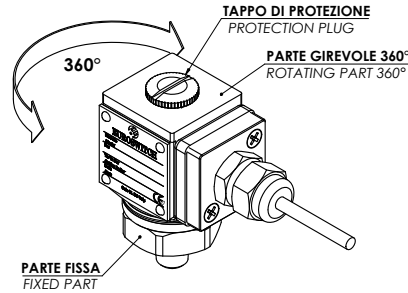
● Filetti Threads	L1mm	L2mm	L3mm
1 - 1/8" Gas conico 1 - 1/8" Gas conical	10	62	80
2 - 1/4" Gas conico 2 - 1/4" Gas conical	12	64	82
6 - 1/4" Gas cilindrico 6 - 1/4" Gas cylindrical	10	62	80
G - 1/8" Gas cilindrico G - 1/8" Gas cylindrical	10	62	80

* Standard G1/4" cil. * Standard G1/4" cylindrical

■ Membrane (vedi pag. 19) Diaphragms (see page 19)
1 NBR
2 FKM (standard)
3 EPDM
4 CR
5 - Silicone
6 HNBR

Corpo girevole Rotating case	Alluminio anodizzato Anodized aluminium
Caratteristiche tecniche Electrical characteristics	5 (4) A / 14Vdc 4 (3) A / 30 Vdc 5 (3) A / 125 Vac 3 (2) A 250 Vac
Max temperatura fluido Max fluid temperature	80° a 120°C in funzione della membrana 80° to 120°C depending on diaphragm
Tipo di azionamento Action type	1B
Vita meccanica Mechanical working life	10 ⁶ a membrana 10 ⁵ a pistone 10 ⁶ diaphragm version 10 ⁵ piston version
Max pressione di sicurezza Max working pressure	membrana 300 bar pistone 800 bar diaphragm 300 bar piston 800 bar

Max pressione di lavoro Max working pressure	membrana 150 bar pistone 450 bar diaphragm 150 bar piston 450 bar
Grado di protezione Protection degree	IP65 - con connettore a norme UNI EN 175301-803 (DIN43650) IP65 - with connector according to UNI EN 175301-803 (DIN43650)
Isteresi fissa membrana Fixed Hysteresis diaphragm	~ 10÷30% del valore di taratura ~ 10÷30% of setting value
Isteresi fissa pistone Fixed Hysteresis piston	~ 10÷40% del valore di taratura ~ 10÷40% of setting value
Peso Weight	~ 190 g

SISTEMA GIREVOLE
ROTATING SYSTEM

	Codice Part number	Campo di regolazione Setting range bar	Tolleranza a 20°C Tolerance at 20°C bar
Membrana Diaphragm	24C 0 ▲ ● ■ 1	0.3 - 5	± 0.15
	24C 0 ▲ ● ■ 2	1 - 10	± 0.5
	24C 0 ▲ ● ■ 3	10 - 25	± 1
	24C 0 ▲ ● ■ 4	25 - 80	± 2,5
Pistone Piston	24C 0 ▲ ● ■ 5	50 - 200	± 2÷10
	24C 0 ▲ ● ■ 6	100 - 400	± 3÷15

▲ Materiale Corpo Attacco a processo
Case Material Thread connection

0 Acciaio Zincato
0 Zinc plated steel case

2 Acciaio Inox AISI 316L*
2 Stainless steel AISI 316L*

* Standard G1/4" cil. * Standard G1/4" cylindrical

● Filetti Threads	L1mm	L2mm	L3mm
1 - 1/8" Gas conico 1 - 1/8" Gas conical	10	62	80
2 - 1/4" Gas conico 2 - 1/4" Gas conical	12	64	82
6 - 1/4" Gas cilindrico 6 - 1/4" Gas cylindrical	10	62	80
G - 1/8" Gas cilindrico G - 1/8" Gas cylindrical	10	62	80

■ Membrane (vedi pag. 19)
Diaphragms (see page 19)

1 NBR

2 FKM (standard)

3 EPDM

4 CR

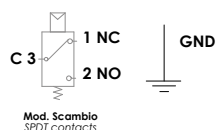
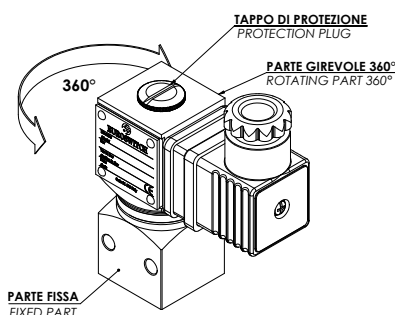
5 - Silicone

6 HNBR

Corpo girevole Rotating case	Alluminio anodizzato Anodized aluminium
Caratteristiche tecniche Electrical characteristics	5 (4) A / 14Vdc 4 (3) A / 30 Vdc 5 (3) A / 125 Vac 3 (2) A 250 Vac
Max temperatura fluido Max fluid temperature	80° a 120°C in funzione della membrana 80° to 120°C depending on diaphragm
Tipo di azionamento Action type	1B
Vita meccanica Mechanical working life	10 ⁶ a membrana 10 ⁵ a pistone 10 ⁶ diaphragm version 10 ⁵ piston version
Max pressione di sicurezza Max working pressure	membrana 300 bar pistone 800 bar diaphragm 300 bar piston 800 bar

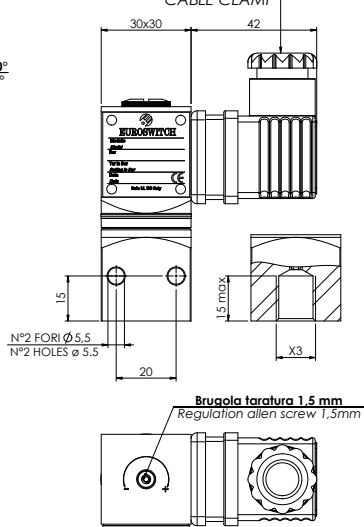
Max pressione di lavoro Max working pressure	membrana 150 bar pistone 450 bar diaphragm 150 bar piston 450 bar
Grado di protezione Protection degree	IP65
Connessione elettrica Electrical connection	cablaggio a richiesta cable on request
Isteresi fissa membrana Fixed Hysteresis diaphragm	~ 10÷30% del valore di taratura ~ 10÷30% of setting value
Isteresi fissa pistone Fixed Hysteresis piston	~ 10÷40% del valore di taratura ~ 10÷40% of setting value
Peso Weight	~ 190 g

SISTEMA GIREVOLE
ROTATING SYSTEM



Ø ESTERNO CAVO 6-8/8-10
EXTERNAL CABLE 6-8/8-10

PG11 SERRACAVO
CABLE CLAMP



	Codice Part number	Campo di regolazione Setting range bar	Tolleranza a 20°C Tolerance at 20°C bar
Membrana Diaphragm	24F 0 ▲ ● ■ 1	0.3 - 5	± 0.15
	24F 0 ▲ ● ■ 2	1 - 10	± 0.5
	24F 0 ▲ ● ■ 3	10 - 25	± 1
	24F 0 ▲ ● ■ 4	25 - 80	± 2,5
Pistone Piston	24F 0 ▲ ● ■ 5	50 - 200	± 2÷10
	24F 0 ▲ ● ■ 6	100 - 400	± 3÷15

▲ Materiale Corpo Attacco a processo
Case Material Thread connection

0 Acciaio Zincato
0 Zinc plated steel case

2 Acciaio Inox AISI 316L*
2 Stainless steel AISI 316L*

● Filetti
Threads

6 - 1/4" Gas cilindrico
6 - 1/4" Gas cylindrical

G - 1/8" Gas cilindrico
G - 1/8" Gas cylindrical

■ Membrane (vedi pag. 19)
Diaphragms (see page 19)

1 NBR

2 FKM (standard)

3 EPDM

4 CR

5 - Silicone

6 HNBR

* Standard G1/4" cil. * Standard G1/4" cylindrical

Corpo girevole Rotating case	Alluminio anodizzato Anodized aluminium
Caratteristiche tecniche Electrical characteristics	5 (4) A / 14Vdc 4 (3) A / 30 Vdc 5 (3) A / 125 Vac 3 (2) A 250 Vac
Max temperatura fluido Max fluid temperature	80° a 120°C in funzione della membrana 80° to 120°C depending on diaphragm
Tipo di azionamento Action type	1B
Vita meccanica Mechanical working life	10 ⁶ a membrana 10 ⁵ a pistone 10 ⁶ diaphragm version 10 ⁵ piston version
Max pressione di sicurezza Max working pressure	membrana 300 bar pistone 800 bar diaphragm 300 bar piston 800 bar

Max pressione di lavoro Max working pressure	membrana 150 bar pistone 450 bar diaphragm 150 bar piston 450 bar
Grado di protezione Protection degree	IP65 - con connettore a norme UNI EN 175301-803 (DIN43650) IP65 - with connector according to UNI EN 175301-803 (DIN43650)
Isteresi fissa membrana Fixed Hysteresis diaphragm	~ 10÷30% del valore di taratura ~ 10÷30% of setting value
Isteresi fissa pistone Fixed Hysteresis piston	~ 10÷40% del valore di taratura ~ 10÷40% of setting value
Peso Weight	~ 265 g

GUIDA ALLA SELEZIONE DELLA MEMBRANA/TENUTA

GUIDE TO SELECTING THE DIAPHRAGM/SEAL

Codice membrana/tenuta - Diaphragm/seal material code



www.LDA.be - LDA@LDA.be - + 32(0)2-266 13 13

		Classificazione secondo ASTM-D 1418/94 - According to ASTM-D 1418/94
1	NBR	copolimero butadiene acrilonitrile - copolymer butadiene acrylonitrile
2	FKM - VITON®	gomma fluorurata polimetilene - fluoro rubber of the polymethylene
3	EPDM	terpolimero etilene propilene perossidico - terpolymer ethylene propylene peroxidic
4	CR - NEOPRENE	polimero cloroprene - polymer chloroprene
5	MVQ	silicone - silicone
6	HNBR	copolimero butadiene acrilonitrile - copolymer butadiene acrylonitrile Hydrogenated

Tabella di selezione del materiale della membrana/tenuta in funzione del fluido da controllare e della temperatura di lavoro.

Table for selecting the diaphragm/seal material according to the operating fluid to be controlled and the temperature.

	NBR	FKM	EPDM	CR	MVQ	HNBR
acqua water	•	•	•	•	•	•
acqua salata salty water	•	•	•	•	•	•
alcali alkalis	no	no	•	no	no	n
ammoniaca ammonia	no	no	•	no	no	n
anidride carbonica - biossido di carbonio CO ₂ carbon dioxide	•	•	no	no	no	•
aria air	•	•	•	•	•	•
azoto/nitrogeno nitrogen	•	•	•	•	•	•
benzina petrol	no	•	no	no	no	no
chetoni ketone	no	no	•	no	no	n
gasolio diesel fuel	no	•	no	no	no	•
glicole etilenico ethylene glycol	•	•	•	•	•	•
GPL/butano/propano/metano GLP/butane/propane/methane	•	•	no	no	no	•
idrocarburi CnH hydrocarbons CnHn	no	•	no	no	no	•
Idrogeno hydrogen	•	•	•	•	no	•
liquido freni brake fluid	no	no	•	no	no	n
nafta naphta	•	•	no	no	no	•
olio idraulico minerale mineral hydraulic oil	•	•	no	no	no	•
olio motore motor oil	•	•	no	no	no	•
ozono ozone	*	•	•	*	no	*
silicone silicon	•	•	•	•	no	no
solventi alogenati halogenated solvent	no	•	no	no	no	no
temperatura max °C max operating temperature °C	100	120	120	80	120	120
temperatura min °C min operating temperature °C	-30	-10	-25	-20	-40	-20

La guida fornisce un'indicazione generale, per applicazioni particolari rivolgersi al nostro ufficio tecnico.
This guide provides general indication. For special applications, please contact our technical office.