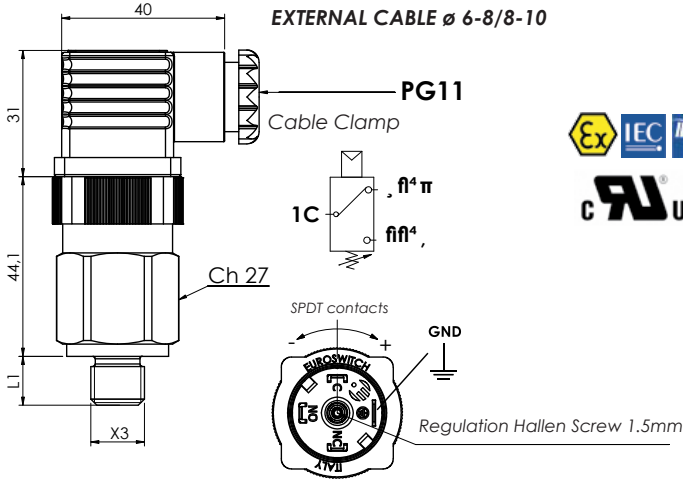


Diaphragm Pressure Switch with SPDT Contacts



Version ATEX / IECEx available on request

Version UL 508 FILE N° E478896 CSA C22.2.NO.14-13 available on request

Part Number	Setting range bar	Tolerance at 20°C bar
49 2 ▲ ● ■ 0	0.3 - 1.5	± 0.15
49 2 ▲ ● ■ 1	1 - 5	± 0.3
49 2 ▲ ● ■ 2	1 - 12	± 0.5
49 2 ▲ ● ■ 3	10 - 60	± 2

▲ Material Case	● Threads (X3)	L1 (mm)	■ Diaphragms
0 Zinc plated steel case	1 1/8" Gas conical	10	1 NBR
1 Brass	2 1/4" Gas conical	12	2 FKM (standard)
2 Stainless steel AISI 316 *	3 M10x1K conical	10	3 EPDM CH
5 Stainless steel AISI 303 *	4 M12x1.5 cylindrical	9	4 CR
* Standard G1/4" cylindrical	H 1/4" Gas cylindrical	12	5 Silicon
	G 1/8" Gas cylindrical	10	6 HNBR

For UL version add U at the end of the code Example: 49 ▲ ● ■ 2 2 U

Electric contacts	Silver	
Regulation Screw	Allen Key 1.5 mm	
Max Fluid Temperature	80° to 120° depending on diaphragm	
Electrical Condition	SPDT (exchange contact)	
Electrical Characteristics	5 (4) A / 14 Vdc	UL Version
	4 (3) A / 30 Vdc	3 A / 30 Vac
	5 (3) A / 125 Vac	3 A / 125 Vac
	3 (2) A / 250 Vac	3 (3A) A / 250 Vac
Max Overpressure Limit	Zinc Plated Steel Stainless Steel 300 Bar	75 Bar
	Brass 80 Bar	40 Bar
Max Working Pressure	Zinc Plated Steel Stainless Steel 150 Bar	60 Bar
	Brass 40 Bar	12 Bar
Fixed Hysteresis	Approximately 10÷30% depending on setting value	
Action Type	1B	
Mechanical Working Life	106 operations	
Tightening Torque	25/50 Nm	
Protection Degree	IP65	
<i>with connector according to UNI EN 175301-803 (DIN43650)</i>		
Weight	~ 140g	



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