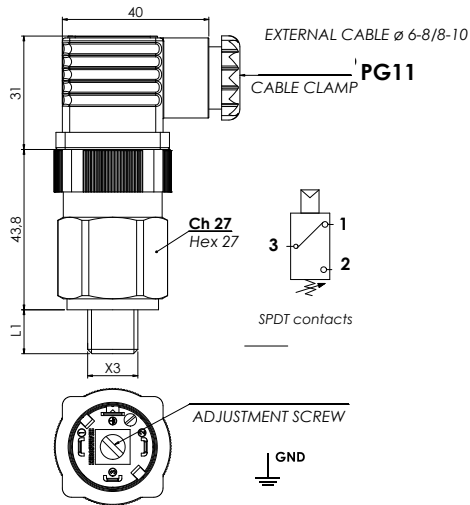


DIAPHRAGM PRESSURE SWITCH
ADJUSTABLE HYSTERESIS - SPDT CONTACTS

27N



Part Number	Setting range bar	Tolerance at 20°C bar
27N 2 ▲ ● ■ 0	0.3 - 1.5	± 0.2
27N 2 ▲ ● ■ 1	1 - 5	± 0.3
27N 2 ▲ ● ■ 2	1 - 10	± 0.5
27N 2 ▲ ● ■ 3	10 - 50 ⁽¹⁾	± 2
27N 2 ▲ ● ■ 4	10 - 100 ⁽¹⁾	± 3

⁽¹⁾ Only version in zinc plated and stainless steel

▲ Material Case	● Threads (X3)	L1 (mm)	■ Diaphragms	Operating Temperature
0 Zinc plated steel case	1 1/8" BSPT (Taper)	10	1 NBR	-15°C to 100°C
1 Brass	2 1/4" BSPT (Taper)	12	2 FKM (standard)	-10°C to 120°C
2 Stainless steel AISI 316 *	3 M10x1K BSPT (Taper)	10	3 EPDM CH	-25°C to 120°C
5 Stainless steel AISI 303 *	4 M12x1,5 BSP (Parallel)	9	4 CR	-20°C to 80°C
	5 1/8" NPT	9	5 Silicon	-40°C to 120°C
	6 1/4" BSP (Parallel)	12	6 HNBR	-30°C to 120°C

* Standard G1/4" Parallel

Electric contacts	Silver
Electrical condition	SPDT (exchange contact)
Electrical characteristics	4(2) A / 24 Vdc 6(2) A / 250 Vac
Max fluid temperature depending on diaphragm	80° to 120°C
Mechanical working life	10 ⁶ operations
Max overpressure limit	zinc plated steel 300 bar brass 80 bar
Max working pressure	zinc plated steel 150 bar brass 50 bar
Protection degree	IP 65
with connector according to UNI EN 175301-803 (DIN43650)	
Hysteresis	10 ÷ 50% adjustable in Euroswitch (standard 30%)
Weight	~ 130 gr