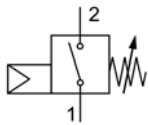
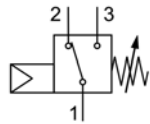


Models PE-18, PE-14

Adjustable pressure switch
G1/8 and G1/4



PE-18-01-40
PE-18-01-50



PE-14-01-40



PE-18-01-40



PE-18-01-50

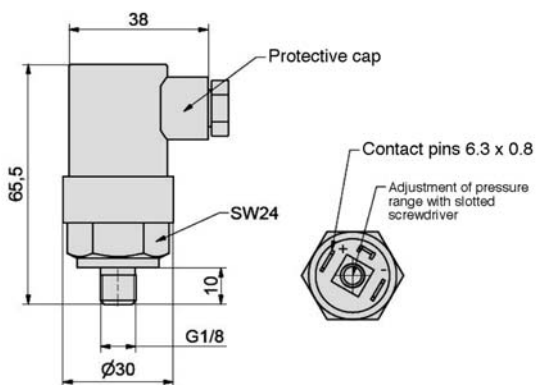


PE-14-01-40

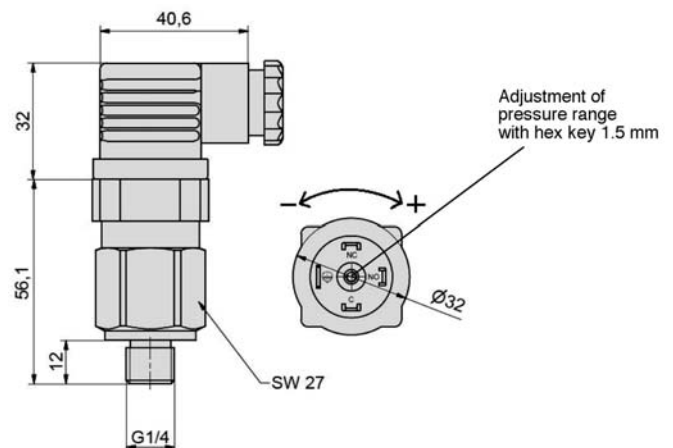
Design, function and technical data

Adjustable diaphragm pressure switch for a pressure range from 1 to 10 bar (14.5 to 145 PSI).
Other types are available on request.

PE-18-01-40, PE-18-01-50



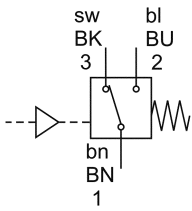
PE-14-01-40



Order number	PE-18-01-40	PE-18-01-50	PE-14-01-40
Connecting Thread	G1/8		G1/4
Contact pins	6.3 x 0.8		-
Default setting	4 bar (58 psi)	5 bar (72.5 psi)	4 bar (58 psi)
Pressure range	1 – 10 bar (14.5 – 145 psi)		1 – 5 bar (14,5 – 72,5 psi)
Overpressure safety	300 bar (4350 psi)		80 bar (1160 psi)
Materials	Steel (zinc-plated), PA, FKM, contacts AgNi		Steel (zinc-plated), PA, NBR
Reproducibility	± 0.5 bar at 20 °C		± 0.3 bar at 20 °C
Hysteresis	-		10 %
Economic life	10 ⁶ operations		
Contact function	NO		Change-over contact
Max. operating voltage	250 V _{ac}		
Max. current	0.5 A		
Ambient temperature range	- 10 °C ... + 120 °C (+ 14 °F ... + 248 °F)		- 25 °C ... + 40 °C (- 13 °F ... + 104 °F)
Medium temperature range	- 10 °C ... + 100 °C (+ 14 °F ... + 212 °F)		- 10 °C ... + 80 °C (+ 14 °F ... + 176 °F)
Degree of protection	IP65 if cap is installed		IP65
Weight	0.070 kg (0.154 lb.)		0.140 kg (0.308 lb.)

Model PE-25

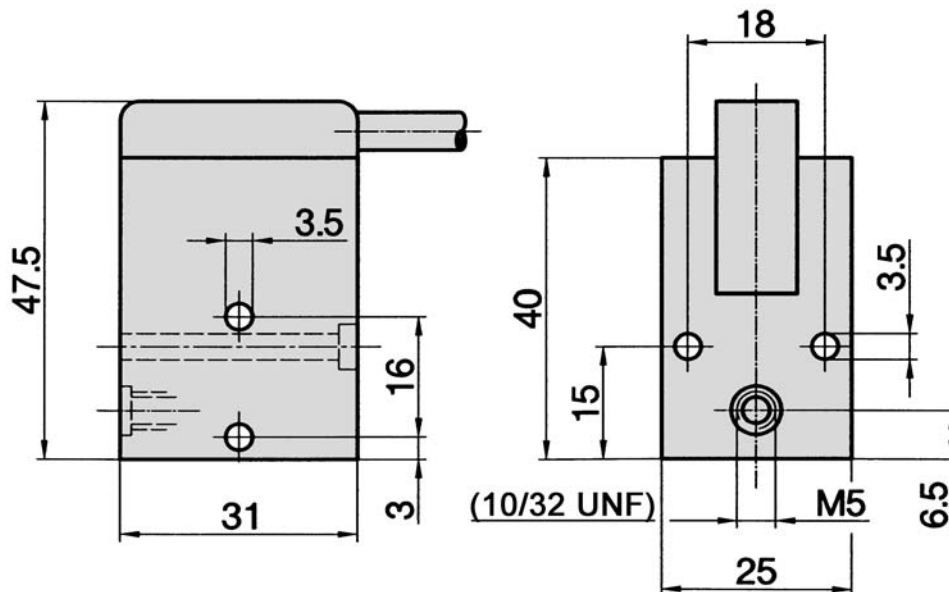
PE-converter
M5 (10/32 UNF)



Design, function and technical data

To be used for the transformation of a pneumatic input signal into an electrical output signal.
Length of electrical cable: 1 m

Dimensions



Order number	PE-25
Size	M5 (10/32 UNF) female
Switch-on pressure	2 bar (29 psi)
Switch-off pressure	1 bar (14.5 psi)
Max. pressure	12 bar (174 psi)
Electrical capacity	6 A (24 V=), 4 A (48 V=), 0.5 A (110 V=), 6 A (250 VAC)
Degree of protection	IP 65 according to EN 60529
Materials	Body: Al and PA with glas fibre
Medium	Compressed air in accordance with ISO 8573-1:2010, Class 7:2:4 – and free of aggressive additives.
Weight	0.100 kg (0.220 lb.)