

Vacuum/pressure switch with display

VS-P10-D-PNP M8-4

<https://www.schmalz.com/10.06.02.00056>



Part no.: 10.06.02.00056

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Vacuum/pressure switch with display and two digital output signals



Measuring range: 0.0 ... 10.0 bar

Shape: With digital display

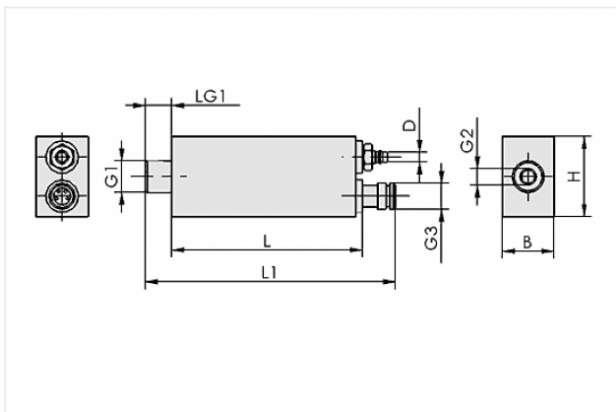
Type: Switches to plus

Electrical connection:

Male connect M8, 4 pole

Inputs/outputs: 2 digital

Design Data



Attribute	Value
B	16 mm
G1	G1/8"-M
G2	M5-F
G3	M8x1-M
H	24.7 mm
L	58.5 mm
L1	75.5 mm
LG1	8 mm

Technical Data

Contact to Schmalz

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Attribute	Value
Type	PNP
Measured medium	Non-aggressive gases; dry, oil-free air
Measuring range	0.0 ... 10.0 bar
Overpressure resistance	16 bar
Repeatability	± 1% of full-scale value
Hysteresis	Adjustable: 0 to 100% of set value or comparator mode
Inputs/outputs	2 digital
Switching capacity (max)	180 mA
Indication	2xLED
Display resolution	0.1 bar, 1 psi, 0.05 kgf/cm ² , 0.01 Mpa
Display units	bar, psi, kgf/cm ² , Mpa
Measured-value display	3-digit 7-segment LED
Electrical connection	Male connect M8, 4 pole
Voltage	10.8-30V DC
Current consumption	55 mA
Protection	IP 40/65 (with hose)
Temperature influence	± 3% of full-scale value in the range 0 to 50°C
Ambient temperature	0 ... 50 °C
Weight	25 g

Accessories

Contact to Schmalz



ASK B-M8-4 5000 K-4P

Part no. 10.06.02.00031

Connection cable

Interface Connection cable:

Fem connect M8, 4 pol

Cable length: 5000 mm

Interface Connection cable: Cable 4

Material: PUR-Cable



ASK WB-M8-4 5000 K-4P

Part no. 10.06.02.00032

Connection cable

Interface Connection cable:

Elbow fem con M8, 4 pol

Cable length: 5000 mm

Interface Connection cable: Cable 4

Material: PUR-Cable



BEF-WIN 18x22x59 1 VS

Part no. 10.06.02.00061

Mounting bracket

Width B: 18 mm

Height H: 22 mm

Length L: 59 mm

Wall thickness s: 1 mm

for: Vacuum switch