

# Vacuum/pressure switch

<https://www.schmalz.com/10.06.02.00070>



## VS-V-A-PNP M8-4 S

Part no.: 10.06.02.00070

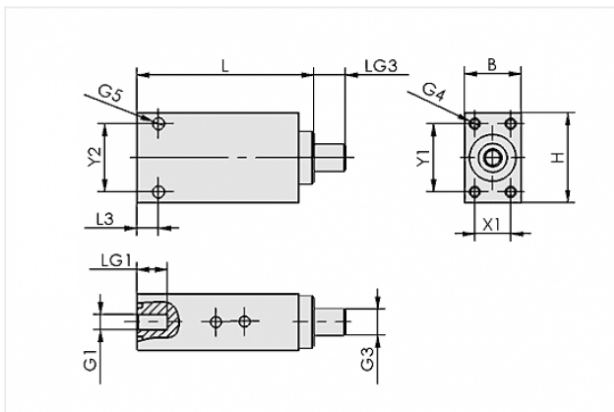
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### Vacuum/pressure switch with digital and analogue output signal



Measuring range: -1.0 ... 0.0 bar  
Shape: with adapter flange  
Type: Switches to plus  
Electrical connection:  
Male connect M8, 4 pole  
with: Fixed hysteresis  
Inputs/outputs: 1 anal./1 dig 1...5V

### Design Data



Attribute	Value
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B	15.8 mm
G1	M5-F
G3	M8x1-M
H	25 mm
L	50 mm
LG1	5 mm
LG3	9 mm

### Technical Data

Attribute	Value
Measured medium	Non-aggressive gases; dry, oil-free air

### Contact to Schmalz

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Attribute	Value
Measuring range	-1.0 ... 0.0 bar
Overpressure resistance	5 bar
Repeatability	5 mbar
Hysteresis	Min. 5 mbar (at -300 mbar), max. 12 mbar (at -900 mbar)
Inputs/outputs	1 anal./1 dig 1...5V
Switching capacity (max)	125 mA
Indication	LED
Electrical connection	Male connect M8, 4 pole
Connection	M5-F
Voltage	12-24V DC
Current consumption	30 mA
Protection	IP 40
Temperature influence	1.2 mbar/°C
Ambient temperature	-20 ... 70 °C
Weight	25 g

## Accessories



### 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