

# Vacuum/pressure switch

<https://www.schmalz.com/10.06.02.00028>



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

Part no.: 10.06.02.00028

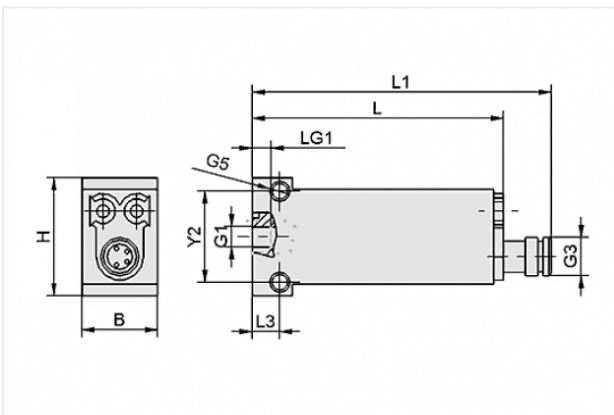
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## Vacuum/pressure switch with digital and analogue output signal



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

## Design Data



### Attribute Value

B 15.7 mm

G1 M5-F

G3 M8x1-M

G5 -

H 24.7 mm

L 53 mm

L1 62 mm

L3 5.8 mm

LG1 4.5 mm

Y2 19 mm

## Contact to Schmalz

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## Technical Data

| Attribute                | Value                                   |
|--------------------------|---|
| Type                     | PNP                                     |
| Measured medium          | Non-aggressive gases; dry, oil-free air |
| Measuring range          | -1.0 ... 0.0 bar                        |
| Overpressure resistance  | 5 bar                                   |
| Repeatability            | ± 1% of full-scale value                |
| Hysteresis               | Adjustable: 3 to 25% of set value       |
| Inputs/outputs           | 1 anal./1 dig 1...5V                    |
| Switching capacity (max) | 125 mA                                  |
| On time                  | 5 ms                                    |
| Indication               | LED                                     |
| Electrical connection    | Male connect M8, 4 pole                 |
| Voltage                  | 10.8-30V DC                             |
| Connection               | M5-F                                    |
| Current consumption      | 30 mA                                   |
| Protection               | IP 40/65 (with hose)                    |
| Temperature influence    | ± 3% of full-scale value                |
| Ambient temperature      | 0 ... 50 °C                             |
| Weight                   | 23 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