

## Vacuum sensor

VS-V-SD 60 M5-AG

Part no.: 10.06.02.00257

<https://www.schmalz.com/10.06.02.00257>

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### Miniature vacuum switch with digital output signal



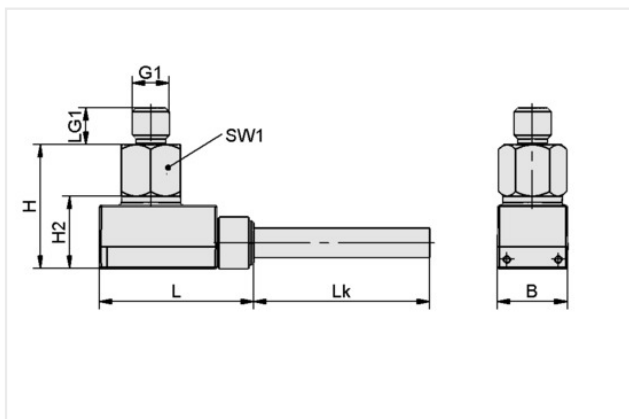
Switching point: - 600

Connection: M5-M

Measuring range: -1,0 ... 0,0 bar

Cable length Lk: 3 m

### Design Data



| Attribute | Value    |
|-----------|----------|
| B         | 9.50 mm  |
| G1        | M5-M     |
| H         | 16.90 mm |
| H2        | 9.90 mm  |
| L         | 21 mm    |
| LG1       | 5 mm     |
| Lk        | 3 m      |
| SW1       | 8 mm     |

### Technical Data

| Attribute                | Value                                   |
|--------------------------|-----------------------------------------|
| 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               | Fixed: approx. 20 mbar                  |
| Inputs/outputs           | 1 digital                               |
| Switching capacity (max) | 60 mA                                   |
| Switching point          | - 600                                   |
| Indication               | LED                                     |

### Contact Schmalz

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|                       |                          |
|-----------------------|--------------------------|
| Electrical connection | Cable                    |
| Connection            | M5-M                     |
| Voltage               | 10-24V DC                |
| Protection type IP    | IP 40                    |
| Temperature influence | ± 3% of full-scale value |
| Operating temperature | 0 ... 50 °C              |
| Weight                | 5 g                      |
| Product family        | VS-V-SD                  |