# Vacuum/pressure switch

VSi VP8 D M12-4

Part no..:10.06.02.00582

https://www.schmalz.ru/10.06.02.00582

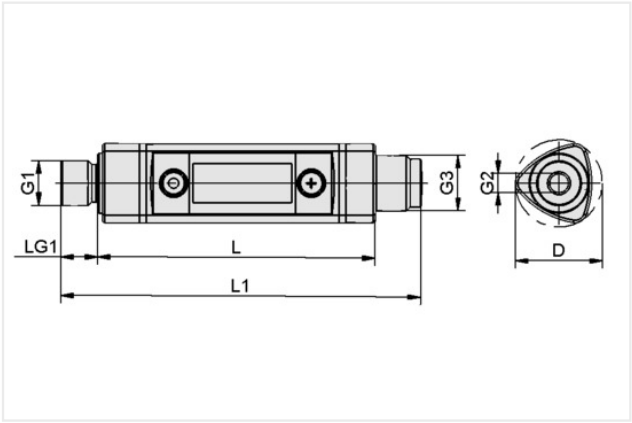
Home > Vacuum Technology for Automation > Vacuum Components > Switches and System Monitoring > Electronic Vacuum and Pressure Switches > Vacuum and Pressure Switches VSi > VSi VP8 D M12-4

## Universal vacuum and pressure switch with IO-Link function




| |
|---|
| Measuring range: -1,0 ... 8,0 bar |
| Construction shape vacuum switch: with display |
| Electrical connection: Male connect M12, 4 pol |
| Indication: 2xLED |
| Protection type IP: IP 65 |

## Design Data




| Attribute | Value |
|---|---|
| D | 19.60 mm |
| G1 | G1/8"-M |
| G2 | M5-F |
| G3 | M12x1-M |
| L | 60.50 mm |
| L1 | 78.50 mm |
| LG1 | 8 mm |

## Technical Data

| Attribute | Value |
|---|---|
| Measured medium | Non-aggressive gases; dry, oil-free air |
| Measuring range | -1,0 ... 8,0 bar |
| Overpressure resistance | 12 bar |
| Measuring range | -14.5 ... 116.0 psi psi |
| Overpressure resistance | 174.04 psi |
| Repeatability | ± 3% of full-scale value |
| Hysteresis | Adjustable |
| Inputs/outputs | 2 digital |

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| | |
|---|---|
| Switching capacity (max) | 100 mA |
| Indication | 2xLED |
| Electrical connection | Male connect M12, 4 pol |
| Connection | G1/8"-M + M5-F |
| Voltage | 10-30V DC |
| Current consumption | 35 mA |
| Protection type IP | IP 65 |
| Operating temperature | 0 ... 50 °C |
| Weight | 16 g |
| Construction shape vacuum switch | with display |
| Product family | VSI |

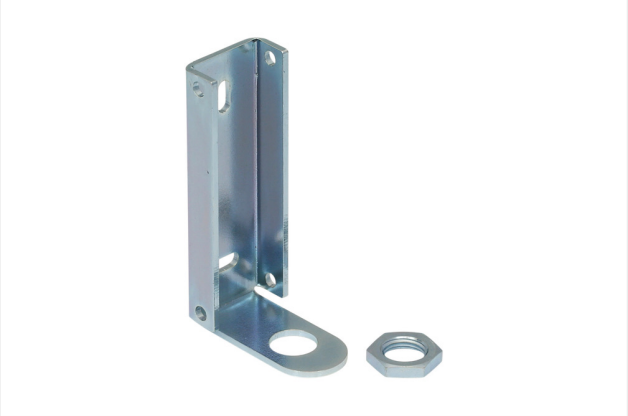
## Accessories



**ASK B-M12-4 5000 K-4P**

Part no..:21.04.05.00263

| |
|---|
| Electrical connection: Fem connect M12, 4 pol |
| Material hose: PUR cable |
| Cable length: 5,000 mm |



**BEF-WIN 21x22x60.5 1.5 VS**

Part no..:10.06.02.00061

| |
|---|
| Length L: 60.5 mm |
| Width B: 21 mm |
| Height H: 22 mm |
| Wall thickness s: 1.5 mm |
| Construction use: Vacuum switch |

# Vacuum/pressure switch

VSi VP8 D M12-4

Part no..:10.06.02.00582

https://www.schmalz.ru/10.06.02.00582



**ASK WB-M12-5 5000 K-4P**

Part no..:21.04.05.00557

| |
|---|
| Electrical connection: Elbow fem con M12, 5pol |
| Material hose: PUR cable |
| Cable length: 5,000 mm |



**STVI-GE G1/8-IG 4**

Part no..:10.08.02.00149

| |
|---|
| Thread G1: G1/8"-F |
| Hose diameter: 4 mm |
| Material: Brass |
| Operating temperature: -20 ... 80 °C |
| External diameter D: 8.5 mm |
| Length L: 23.5 mm |



**STVI-GE G1/8-IG 6**

Part no..:10.08.02.00150

| |
|---|
| Thread G1: G1/8"-F |
| Hose diameter: 6 mm |
| Material: Brass |
| Operating temperature: -20 ... 80 °C |
| External diameter D: 11.5 mm |
| Length L: 26.5 mm |

# Vacuum/pressure switch

VSi VP8 D M12-4

Part no..:10.06.02.00582

https://www.schmalz.ru/10.06.02.00582



**STVI-GE G1/8-IG 8**

Part no..:10.08.02.00151

| |
|---|
| Thread G1: G1/8"-F |
| Hose diameter: 8 mm |
| Material: Brass |
| Operating temperature: -20 ... 80 °C |
| External diameter D: 14.5 mm |
| Length L: 29.5 mm |



**HTR-VSi Clip**

Part no..:10.06.02.00718

| |
|---|
| Width B: 12 mm |
| Height H: 25.3 mm |
| Length L: 20 mm |
| Construction use: Vacuum/pressure switch |




**BEF-WIN 21x22x61.5 1.5 VSi-D-M12**

Part no..:10.06.02.00663

| |
|---|
| Width B: 21 mm |
| Height H: 22 mm |
| Length L: 61.5 mm |
| Wall thickness s: 1.5 mm |
| Construction use: Vacuum/pressure switch |

## Product recommendations

# Vacuum/pressure switch

VSi VP8 D M12-4

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https://www.schmalz.ru/10.06.02.00582



**HT-SG A3 E 35 G3/8-AG**

Part no..:10.07.06.00340

| |
|---|
| Connection 1: Ball head 28.5 mm |
| Shape: Ejector connection |
| Width B: 35 mm |
| Vacuum connection: G1/4"-F |
| Suction cup connection: G3/8"-M |




**SEP HV 3 16 22 S**

Part no..:10.02.01.01411

| |
|---|
| Shape: High Vacuum |
| Number of stages: 3 |
| Nozzle size: 1.6 mm |
| Hole diameter: 22 mm |
| construction shape compact ejectors: With safety valve |
| Degree of evacuation: 90 % |
| Pressure range (operating pressure): 2.0 ... 6.0 bar |
| Pressure optimal: 4 bar |
| Suction rate (max.): 228.2 l/min |
| Air consumption suction: 103 l/min |