

Vacuum/pressure switch

VSi VP8 M12-4

Part no.:10.06.02.00572

<https://www.schmalz.com/10.06.02.00572>

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Universal vacuum and pressure switch with IO-Link function



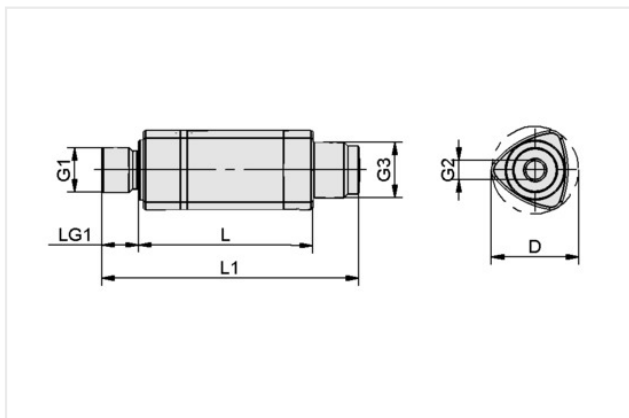
Measuring range: -1,0 ... 8,0 bar

Electrical connection: Male connect M12, 4 pol

Indication: LED

Protection type IP: IP 65

Design Data



Attribute	Value
D	19.60 mm
G1	G1/8"-M
G2	M5-F
G3	M12x1-M
L	38 mm
L1	56 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

Contact Schmalz

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Switching capacity (max)	100 mA
Indication	LED
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	12 g
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

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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

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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 21x22x39 1.5 VSi-M12

Part no...:10.06.02.00665

Width B: 21 mm

Height H: 22 mm

Length L: 39 mm

Wall thickness s: 1.5 mm

Construction use: Vacuum/pressure switch

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