

Vacuum/pressure switch

VSi P10 D M8-4

Part no.:10.06.02.00578

<https://www.schmalz.com/10.06.02.00578>

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Universal vacuum and pressure switch with IO-Link function



Measuring range: 0,0 ... 10,0 bar

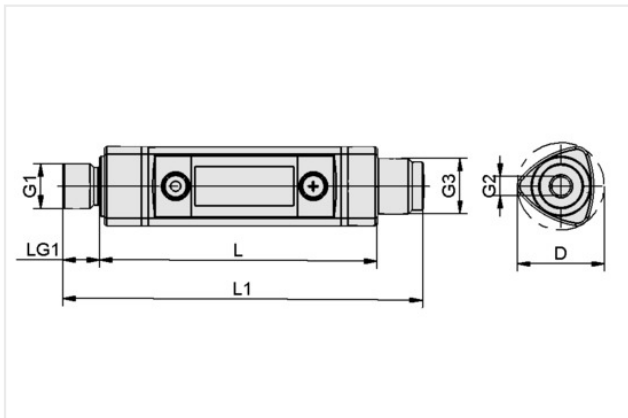
Construction shape vacuum switch: with display

Electrical connection: Male connect M8, 4 pole

Indication: 2xLED

Protection type IP: IP 65

Design Data



Attribute	Value
D	19.60 mm
G1	G1/8"-M
G2	M5-F
G3	M8x1-M
L	60.50 mm
L1	77.50 mm
LG1	8 mm

Technical Data

Attribute	Value
Measured medium	Non-aggressive gases; dry, oil-free air
Measuring range	0,0 ... 10,0 bar
Overpressure resistance	15 bar
Measuring range	0.0 ... 145.0 psi psi
Overpressure resistance	217.55 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	2xLED
Electrical connection	Male connect M8, 4 pole
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-M8-4 5000 K-4P

Part no...:10.06.02.00031

Electrical connection: Fem connect M8, 4 pol

Cable length: 5,000 mm

Material hose: PUR cable



ASK WB-M8-4 5000 K-4P

Part no...:10.06.02.00032

Electrical connection: Elbow fem con M8, 4 pol

Cable length: 5,000 mm

Material hose: PUR cable

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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



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 21x22x61.5 1.5 VSi-D-M8

Part no...:10.06.02.00664

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

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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

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