

Pressure switch SPBA-P2R-G18-W-M12-0,25X

Part number: 8000033

FESTO



[PDF General operating condition](#)

Data sheet

Feature	Value
Symbol	00991472
Note on materials	RoHS-compliant
Measured variable	Relative pressure
Measurement method	Pneumatic/electric pressure transducer
Operating pressure	-0.1 MPa ... 1 MPa
Operating pressure	-1 bar ... 10 bar
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible
Switching output	Contacting
Switching function	Threshold value with fixed hysteresis
Switching element function	Changeover switch
Switch-on point	0.25 bar
Switch-on point max.	0.4 bar
Switch-off point min.	0.05 bar
Max. output current DC	1000 mA
Min. load current	2 mA at 24 V
Short circuit current rating	no
Operational voltage range DC	19.2 V ... 30 V
Reverse polarity protection	no
Electrical connection	4-pin M12x1 Plugs To EN 60947-5-2 Round design
Electrical connection 1, connection type	Plugs
Electrical connection 1, connector system	M12x1, A-coded to EN 61076-2-101
Electrical connection 1, number of connections/cores	4
Electrical connection 1, type of mounting	Screw-type lock Not rotatable
Electrical connection 1, compatible type of mounting	Compatible with rotatable screw-type lock
Electrical connection 1, connection pattern	00995386
Type of mounting	Screw-in
Pneumatic connection	G1/8
Product weight	80 g
Material housing	Steel

Feature	Value
Material electrical connection	POM
Setting options	Permanently set
Degree of protection	IP65
Corrosion resistance class CRC	0 - No corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L