

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

Part number: 8000033

FESTO



[General operating condition](#)

Data sheet

Feature	Value
Symbol	00991472
Note on materials	RoHS-compliant
Measured variable	Relative pressure
Method of measurement	Pneumatic/electric pressure transducer
Operating pressure	-0.1 MPa ... 1 MPa
Operating pressure	-1 bar ... 10 bar
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Information on operating and pilot media	Operation with oil lubrication possible
Switching output	Contact-based
Switching function	Threshold value with fixed hysteresis
Switching element function	Changeover switch
Switch-on point	0.25 bar
Max. switch-on point	0.4 bar
Min. switch-off point	0.05 bar
Max. output current DC	1000 mA
Minimum load current	2 mA at 24 V
Short-circuit protection	no
DC operating voltage range	19.2 V ... 30 V
Reverse polarity protection	no
Electrical connection	M12x1 Plug as per EN 60947-5-2 Round design
Electrical connection 1, connection type	Plug
Electrical connection 1, connection technology	M12x1 A-coded as per EN 61076-2-101
Electrical connection 1, number of pins/wires	4
Electrical connection 1, type of mounting	not rotatable
Electrical connection 1, type of mounting	Compatible with rotatable screw-type lock
Electrical connection for input 1, connection pattern	00995386
Type of mounting	Screw-in
Pneumatic connection	G1/8
Product weight	80 g
Housing material	Steel
Electrical connection material	POM

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