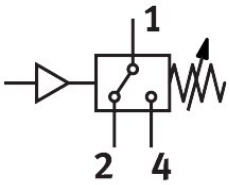
Pressure switch
SPBA-P2R-G18-W-M12-0,25X

Part number: 8000033





Data sheet

Feature	Value
Note on materials	RoHS compliant
Measured variable	Relative pressure
Method of measurement	Pneumatic/electric pressure transducer
Operating pressure	-0.1 MPa...1 MPa -1 bar...10 bar
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Information on operating and pilot media	Lubricated operation 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	4-pin 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	Screw-type lock not rotatable Compatible with rotatable screw-type lock
Type of mounting	Screw-in
Pneumatic connection	G1/8
Product weight	80 g

Feature	Value
Housing material	Steel
Electrical connection material	POM
Setting options	Preset
Degree of protection	IP65
Corrosion resistance class (CRC)	0 - No corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L