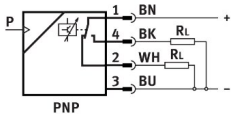
Pressure switch
SPBA-P2R-G18-2P-M12-0,25X

Part number: 8000210





Data sheet

Feature	Value
CE marking (see declaration of conformity)	As per EU EMC directive as per EU machinery directive
UKCA marking (see declaration of conformity)	To UK instructions for EMC To UK RoHS instructions
Note on materials	RoHS compliant
Measured variable	Relative pressure
Method of measurement	Metal thin-film pressure sensor
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	2xPNP
Switching function	Threshold value with fixed hysteresis
Switching element function	Antivalent
Switch-on point	0.25 bar
Max. switch-on point	0.4 bar
Min. switch-off point	0.05 bar
Max. output current DC	500 mA
Short-circuit protection	Yes
DC operating voltage range	19.2 V...30 V
Reverse polarity protection	for all electrical connections
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

Feature	Value
Product weight	50 g
Housing material	high-alloy stainless steel
Electrical connection material	PBT
Setting options	Preset
Degree of protection	IP65
Corrosion resistance class (CRC)	4 - Particularly high corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L