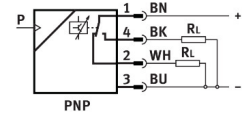


# Pressure switch SPBA-P2R-G18-2P-M12-0,25X

Part number: 8000210

FESTO



[PDF](#) General operating condition

## Data sheet

Feature	Value
Symbol	00991611
CE mark (see declaration of conformity)	To EU EMC Directive To EC 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
Measurement method	Metal thin-film pressure sensor
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	2xPNP
Switching function	Threshold value with fixed hysteresis
Switching element function	Antivalent
Switch-on point	0.25 bar
Switch-on point max.	0.4 bar
Switch-off point min.	0.05 bar
Max. output current DC	500 mA
Short circuit current rating	yes
Operational voltage range DC	19.2 V ... 30 V
Reverse polarity protection	For all electrical connections
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	50 g
Material housing	High-alloy stainless steel

<b>Feature</b>	<b>Value</b>
Material electrical connection	PBT
Setting options	Permanently set
Degree of protection	IP65
Corrosion resistance class CRC	4 - Very high corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L