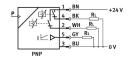
Pressure sensor SPAW-P2R-G14F-2PA-M12

FESTO

Part number: 8022778





Data sheet

Approval RCM trademark c UL us listed (OL) CE mark (see declaration of conformity) To EU EMC Directive In accordance with EU ROHS Direct In accordance with EU ROHS Direct In accordance with EU ROHS Direct To UK ROHS instructions for EMC To UK ROHS instructions for EMC To UK ROHS instructions Note on materials RoHS-compliant Measured variable Relative pressure Measurement method Piezoresistive pressure sensor Start value for pressure measuring range 0 MPa 0 bar 0 psi End value for pressure measuring range 0.2 MPa 2 bar 29 psi Overload pressure 0.4 MPa 4 bar 58 psi Operating medium Compressed air to ISO 8573-1:20 Liquid media Gaseous media Media temperature -20 °C85 °C Ambient temperature 0 °C80 °C Accuracy in ± % FS Repetition accuracy in ± %FS Switching output Switching function Freely programmable	
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Repetition accuracy in ± %FS Switching output 2xPNP Switching function Freely programmable	
Switching output 2xPNP Switching function Freely programmable	
Switching function Freely programmable	
Switching element function Switchable	
Max. output current 250 mA	
Analogue output 4 - 20 mA	
Rise time 3 ms	
Short circuit current rating yes	
Operational voltage range DC 15 V35 V	
Reverse polarity protection For operating voltage	

Feature	Value
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	5
Electrical connection 1, type of mounting	Screw-type lock
Type of mounting	Via female thread With accessories
Mounting position	optional
Pneumatic connection	Female thread G1/4
Product weight	230 g
Material housing	ABS High-alloy stainless steel
Material in contact with the medium	High-alloy stainless steel
Display type	4-place alphanumeric LED indicator
Displayable units	MPa bar kPa kg/cm² psi
Switching status indication	Red LED
Setting options	Via display and keys
Protection against tampering	PIN code
Setting range threshold value	0.5 %100 %
Setting range hysteresis	0.5 %99.5 %
Degree of protection	IP65 IP67
Corrosion resistance class CRC	4 - Very high corrosion stress
LABS (PWIS) conformity	VDMA24364 zone III