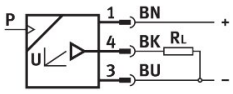
Pressure transmitter
SPTW-B2R-G14-VD-M12

Part number: 8000109





Data sheet

Feature	Value
Approval	RCM trademark c UL us listed (OL)
CE mark (see declaration of conformity)	To EU EMC Directive In accordance with EU RoHS 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	Piezoresistive pressure sensor
Start value for pressure measuring range	-0.1 MPa -1 bar -14.5 psi
End value for pressure measuring range	0.1 MPa 1 bar 14.5 psi
Max. overload pressure	2 bar
Overload pressure	0.2 MPa 2 bar 29 psi
Operating medium	Compressed air to ISO 8573-1:2010 [-:-:-] Liquid media Gaseous media
Media temperature	0 °C...80 °C
Ambient temperature	0 °C...80 °C
Accuracy in ± % FS	1 %FS
Repetition accuracy in ± %FS	0.1 %FS
Analogue output	0.1 - 10 V
Linearity error in ± %FS	0.5 %FS
Short circuit current rating	yes
Operational voltage range DC	14 V...30 V
Reverse polarity protection	For operating voltage
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

Feature	Value
Electrical connection 1, type of mounting	Screw-type lock
Material connector housing	PA
Type of mounting	Via female thread With accessories
Mounting position	optional
Pneumatic connection	G1/4
Product weight	80 g
Material housing	PA VMQ (silicone) High-alloy stainless steel
Material in contact with the medium	High-alloy stainless steel
Degree of protection	IP67
Corrosion resistance class CRC	4 - Very high corrosion stress
LABS (PWIS) conformity	VDMA24364 zone III