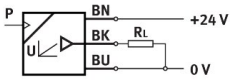
Pressure transmitter
SPTE-V1R-F-V-2.5K

Part number: 571478





Data sheet

Feature	Value
Approval	RCM trademark c UL us - Recognized (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
Certificate issuing authority	UL E322346
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	-0.1 MPa -1 bar -14.5 psi
Overload pressure	0.5 MPa 5 bar 72.5 psi
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible
Media temperature	0 °C...50 °C
Ambient temperature	0 °C...50 °C
Accuracy in ± % FS	3 %FS
Repetition accuracy in ± %FS	0.3 %FS
Temperature coefficient in ± %FS/K	0.05 %FS/K
Analogue output	0 - 10 V
Rise time	1 ms
Min. load resistance voltage output	15 kOhm
Short circuit current rating	For all electrical connections
Operational voltage range DC	18 V...30 V
Reverse polarity protection	For all electrical connections

Feature	Value
Electrical connection	3-wire Cable Open end
Cable length	2.5 m
Type of mounting	Via through-hole and screw
Mounting position	optional
Pneumatic connection	Flange
Product weight	35 g
Material housing	PA-reinforced
Material sealing ring	FPM
Degree of protection	IP40
Corrosion resistance class CRC	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B2-L
Cleanroom suitability, measured according to ISO 14644-14	Class 4 according to ISO 14644-1