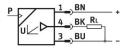
Pressure sensor SDE5-D10-NF-Q6-V-M8 Part number: 567466



Data sheet

c UL us - Řecognized (OL)CE marking (see declaration of conformity)As per EU EMC directiveCK marking (see declaration of conformity)To UK Instructions for EMC To UK NetS instructionsNote on materialsRoHS-compliantMeasured variableRelative pressureMethod of measurementPiezoresistive pressure sensorPressure measuring range initial value0 barOperation gene dualue10 barOperation gene dualue0 barOperation gene dualue0 compressed air as per ISO 8573-1:2010 [7:4:4]Information on operating and pilot media0 peration with oil lubrication possibleTemperature of medium0 °C50 °CAnabient temperature0 °C50 °CRepetition accuracy in ± %FS0.3 %FSColuptu tharacteristic curve initial value0 vOutput tharacteristic curve initial value0 vEnd value output tharacteristic curve10 VPrecision analog output in ± %FS0.3 %FSContracteristic curve initial value0 vEnd value output characteristic curve10 VPrecision analog output in ± %FS0.3 %FSShort-circuit protectionyesDC coperating voltage range1530 vOReverse polarity protection5030 vFSElectrical connection3-pin M8x1 Plug as per EN 60947-5-2 as per Kn 60947-5-2 as per K	Feature	Value
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DC operating voltage range 15 V30 V Reverse polarity protection for all electrical connections Electrical connection 3-pin M8x1 Plug as per EN 60947-5-2 Round design With accessories Mounting position	Linearity error in ± % FS	0.3 %FS
Reverse polarity protection for all electrical connections Electrical connection 3-pin M8x1 Plug as per EN 60947-5-2 Round design Type of mounting With accessories Mounting position Any	Short-circuit protection	yes
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Max1 Plug as per EN 60947-5-2 Round design Type of mounting With accessories Mounting position Any	Reverse polarity protection	for all electrical connections
Mounting position Any	Electrical connection	M8x1 Plug as per EN 60947-5-2
	Type of mounting	With accessories
Pneumatic connection QS-6	Mounting position	Any
	Pneumatic connection	QS-6

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Feature	Value
Product weight	19 g
Housing material	PA POM
Ready status indication	LED green
Degree of protection	IP40
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Cleanroom class	Class 4 according to ISO 14644-1