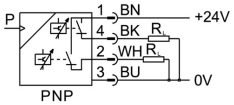
Pressure sensor
SDE3-D2D-B-FQ4-2P-M8

Part number: 540204





Data sheet

Feature	Value
Type code	SDE3
Symbol	00991165
Certification	RCM compliance mark
CE marking (see declaration of conformity)	As per EU EMC directive
Note on materials	Free of copper and PTFE RoHS-compliant
Measured variable	2 x relative pressure
Method of measurement	Piezoresistive pressure sensor with display
Pressure measuring range initial value	0 bar
Pressure measuring range end value	2 bar
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Information on operating and pilot media	Operation with oil lubrication possible
Temperature of medium	0 °C ... 50 °C
Ambient temperature	0 °C ... 50 °C
Accuracy in ± % FS	2 %FS
Switching output	2xPNP
Switching function	Freely programmable
Switching element function	Switchable
Reproducibility of switching value	0.3 %
Max. output current	100 mA
Short-circuit protection	Pulsed
DC operating voltage range	15 V ... 30 V
Reverse polarity protection	for all electrical connections
Electrical connection	4-pin Cable with plug M8x1 as per EN 60947-5-2 Round design
Cable length	0.3 m
Type of mounting	Front panel mounting
Mounting position	Any
Pneumatic connection	QS-4
Product weight	61 g
Housing material	PA-reinforced PC
Display type	Illuminated LCD
Switching status indication	LCD yellow

Feature	Value
Setting options	Teach-in
Protection against tampering	PIN code
Setting range threshold value	0 % ... 100 %
Setting range hysteresis	0 % ... 90 %
Degree of protection	IP65
Corrosion resistance class (CRC)	2 - Moderate corrosion stress