

pressure sensor

SDE3-D10Z-B-FQ4-2P-M8

Part number: 540212

FESTO

With M8 plug version.



Data sheet

Feature	Value
Authorisation	RCM Mark
CE mark (see declaration of conformity)	to EU directive for EMC
UKCA marking (see declaration of conformity)	To UK instructions for EMC To UK RoHS instructions
Materials note	Conforms to RoHS
Measured variable	Differential pressure
Measurement method	Piezoresistive pressure sensor with display
Pressure measuring range, initial value	0 bar
Pressure measuring range, final value	10 bar
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible
Medium temperature	0 ... 50 °C
Ambient temperature	0 ... 50 °C
Accuracy, FS	2 %FS
Switch output	2xPNP
Switching function	Freely programmable
Switching element function	Switchable
Switching point reproducibility	0.3 %
Max. output current	100 mA
Short circuit strength	Pulsing
Operating voltage range DC	15 ... 30 V
Polarity protected	for all electrical connections
Electrical connection 1, connection type	Plug
Electrical connection 1, connection technology	M8x1, A-coded to EN 61076-2-104
Electrical connection 1, number of pins/wires	4
Electrical connection 1, type of mounting	Screw lock
Cable length	0.3 m
Mounting type	Front panel installation
Assembly position	Any
Pneumatic connection	QS-4
Product weight	61 g
Material housing	PA-reinforced PC
Type of display	illuminated LCD
Operating status display	LCD, yellow
Setting options	Teach-In
Protection against manipulation	PIN-Code
Threshold value setting range	0 ... 100 %
Hysteresis setting range	0 ... 90 %
Protection class	IP65
Corrosion resistance classification CRC	2 - Moderate corrosion stress
PWIS conformity	VDMA24364-B1/B2-L