

pressure sensor

SDE1-D10-G2-H18-L-P1-M8

Part number: 529961
Product to be discontinued

FESTO

With M8 plug version.

Type to be discontinued. Available until 2019. See Support Portal for alternative products.



Data sheet

Feature	Value
Authorisation	RCM Mark c UL us - Recognized (OL)
CE mark (see declaration of conformity)	to EU directive for EMC
Materials note	Free of copper and PTFE Conforms to RoHS
Measured variable	Relative 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	PNP
Switching function	Freely programmable
Switching element function	Switchable
Switching point reproducibility	0.3 %
Max. output current	150 mA
Short circuit strength	Pulsing
Operating voltage range DC	15 ... 30 V
Polarity protected	for all electrical connections
Electrical connection	Plug Round design to EN 60947-5-2 M8x1 3-pin
Mounting type	with top-hat rail
Assembly position	Any
Pneumatic connection	G1/8
Product weight	70 g
Material housing	PA POM-reinforced
Type of display	illuminated LCD
Operating status display	LCD
Setting options	Teach-In
Protection against manipulation	PIN-Code
Threshold value setting range	2 ... 99.8 %
Hysteresis setting range	0 ... 90 %
Protection class	IP65
Corrosion resistance classification CRC	2 - Moderate corrosion stress