

Pressure sensor SDE1-D10-G2-HQ4-L-PU-M8

Part number: 529966

FESTO

With M8 plug version.



Data sheet

Feature	Value
Pressure measuring range, final value	10 bar
Analog output	0 - 10 V
Switching element function	Switchable
Type of display	illuminated LCD
Electrical connection	4-pin M8x1 Plug to EN 60947-5-2 Round design
Protection class	IP65
Pneumatic connection	QS-4
Assembly position	Any
Short circuit strength	Pulsing
Measured variable	Differential pressure Relative pressure
Measurement method	Piezoresistive pressure sensor with display
Switching function	Freely programmable
Polarity protected	for all electrical connections
Threshold value setting range	2 ... 99.8 %
Hysteresis setting range	0 ... 90 %
Setting options	Teach-In
Operating status display	LCD
Operating voltage range DC	15 ... 30 V
Max. output current	150 mA
Switch output	PNP
Operating medium	Filtered, unlubricated compressed air, 40 µm filtration Filtered, lubricated compressed air, 40 µm filtration
CE symbol (see declaration of conformity)	according to EU-EMV guideline
Corrosion resistance classification CRC	2
Medium temperature	0 ... 50 °C
Ambient temperature	0 ... 50 °C
Authorisation	c UL us - Recognized (OL) C-Tick
Product weight	70 g
Pressure measuring range, initial value	0 bar
Accuracy, FS	2 %
Switching point reproducibility	0.3 %
Protection against manipulation	PIN-Code
Mounting type	with top-hat rail
Materials note	Free of copper and PTFE
Materials information, housing	PA POM-reinforced