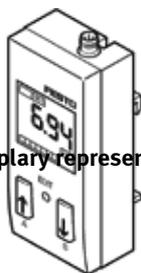


Pressure sensor SDE1-...

Part number: 192766

FESTO



Exemplary representation

Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Authorization	RCM Mark c UL us - Recognized (OL)
CE symbol (see declaration of conformity)	according to EU-EMV guideline
Materials note	Free of copper and PTFE Conforms to RoHS
Measured variable	Differential pressure Relative pressure
Measurement method	Piezoresistive pressure sensor with display
Pressure measuring range, initial value	-1 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	2xNPN 2xPNP NPN PNP
Switching function	Freely programmable
Switching element function	Switchable
Switching point reproducibility	0.3 %
Max. output current	150 mA
Analog output	0 - 10 V 4 - 20 mA
Short circuit strength	Pulsing
Operating voltage range DC	15 ... 30 V
Polarity protected	for all electrical connections
Electrical connection	Cable with plug Plug Round design to EN 60947-5-2 M8x1 M12x1 3-pin 4-pin
Mounting type	Front panel installation on service unit with top-hat rail with wall/surface fixing
Assembly position	Any
Pneumatic connection	G1/8 QS-4 R1/8

Feature	Value
	R1/4
Material housing	PA POM-reinforced
Type of display	illuminated LCD Backlit LCD
Operating status display	LCD
Setting options	Teach-In
Protection against manipulation	PIN-Code
Hysteresis setting range	0 ... 90 %
Protection class	IP65
Corrosion resistance classification CRC	2 - Moderate corrosion stress