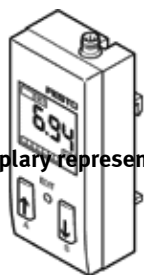


# pressure sensor SDE1-...

Part number: 192766

FESTO



Exemplary representation

## Data sheet

Overall data sheet – Individual values depend upon your configuration.

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	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
Analogue 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