

pressure sensor SDE5-D10-FP-Q6E-P-M8

Part number: 542897

★ Core product range

With M8 plug version.

FESTO



Data sheet

Feature	Value
Authorisation	RCM Mark c UL us - Recognized (OL)
CE mark (see declaration of conformity)	to EU directive for EMC in accordance with EU RoHS directive
KC mark	KC-EMV
Materials note	Conforms to RoHS
Measured variable	Relative pressure
Measurement method	Piezoresistive pressure sensor
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
Repetition accuracy in ± %FS	0.3 %FS
Temperature co-efficient in ± %FS/K	0.05 %FS/K
Switch output	PNP
Switching function	Freely programmable
Switching element function	Switchable
Max. output current	100 mA
Short circuit strength	Yes
Operating voltage range DC	15 ... 30 V
Polarity protected	for all electrical connections
Electrical connection	3-pin M8x1 Plug to EN 60947-5-2 Round design
Mounting type	with accessories
Assembly position	Any
Pneumatic connection	QS-6
Product weight	19 g
Material housing	PA POM
Operating status display	Yellow LED
Threshold value setting range	0 ... 100 %
Protection class	IP40
Corrosion resistance classification CRC	2 - Moderate corrosion stress