

pressure sensor SDE3-V1D-H-HQ4-2P-M8

Part number: 540197

FESTO

For vacuum with M8 plug version.



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	2 x relative pressure
Measurement method	Piezoresistive pressure sensor with display
Pressure measuring range, initial value	0 bar
Pressure measuring range, final value	-1 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	2xPNP
Switching function	Freely programmable
Switching element function	Switchable
Switching point reproducibility	0.3 %
Max. output current	100 mA
Short circuit strength	Pulsing
Operating voltage range DC	15 ... 30 V
Polarity protected	for all electrical connections
Electrical connection	4-pin M8x1 Plug to EN 60947-5-2 Round design
Mounting type	with through hole with top-hat rail
Assembly position	Any
Pneumatic connection	QS-4
Product weight	37 g
Material housing	PA-reinforced PC
Type of display	illuminated LCD
Operating status display	LCD, yellow
Setting options	Teach-In
Protection against manipulation	PIN-Code
Threshold value setting range	0 ... 100 %
Hysteresis setting range	0 ... 90 %
Protection class	IP65
Corrosion resistance classification CRC	2 - Moderate corrosion stress