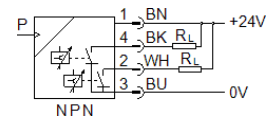


pressure sensor SDE3-V1Z-B-HQ4-2N-M8

Part number: 540202

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	Differential 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	2xNPN
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