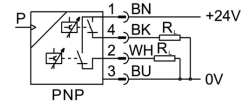


Pressure sensor SDE3-D2Z-B-HQ4-2P-M8

Part number: 540205

FESTO



Data sheet

Feature	Value
Type code	SDE3
Symbol	00991165
Certification	RCM compliance mark c UL us - Recognized (OL)
CE marking (see declaration of conformity)	As per EU EMC directive
Note on materials	Free of copper and PTFE RoHS-compliant
Measured variable	Differential pressure
Method of measurement	Piezoresistive pressure sensor with display
Pressure measuring range initial value	0 bar
Pressure measuring range end value	2 bar
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Information on operating and pilot media	Operation with oil lubrication possible
Temperature of medium	0 °C ... 50 °C
Ambient temperature	0 °C ... 50 °C
Accuracy in ± % FS	2 %FS
Switching output	2xPNP
Switching function	Freely programmable
Switching element function	Switchable
Reproducibility of switching value	0.3 %
Max. output current	100 mA
Short-circuit protection	Pulsed
DC operating voltage range	15 V ... 30 V
Reverse polarity protection	for all electrical connections
Electrical connection	4-pin M8x1 Plug as per EN 60947-5-2 Round design
Type of mounting	With through-hole With H-rail
Mounting position	Any
Pneumatic connection	QS-4
Product weight	37 g
Housing material	PA-reinforced PC
Display type	Illuminated LCD
Switching status indication	LCD yellow

Feature	Value
Setting options	Teach-in
Protection against tampering	PIN code
Setting range threshold value	0 % ... 100 %
Setting range hysteresis	0 % ... 90 %
Degree of protection	IP65
Corrosion resistance class (CRC)	2 - Moderate corrosion stress