

Pressure sensor SDE3-V1Z-B-HQ4-2P-M8

Part number: 540199

FESTO

For vacuum with M8 plug version.



Data sheet

| Feature | Value |
|--|--|
| Authorization | RCM Mark c UL us - Recognized (OL) |
| CE symbol (see declaration of conformity) | according to EU-EMV guideline |
| UKCA marking (see declaration of conformity) | To UK instructions for EMC To UK RoHS instructions |
| Materials note | 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 | 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 1, connection type | Plug |
| Electrical connection 1, connection technology | M8x1, A-coded to EN 61076-2-104 |
| Electrical connection 1, number of pins/wires | 4 |
| Electrical connection 1, type of mounting | Screw lock |
| 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 |
| PWIS conformity | VDMA24364-B1/B2-L |