

pressure sensor SDE5-V1-01-Q6-P-M8

Part number: 542886

★ Core product range

For vacuum 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 |
| UKCA marking (see declaration of conformity) | To UK instructions for EMC To UK RoHS instructions |
| 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 | -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 |
| Repetition accuracy in ± %FS | 0.3 %FS |
| Temperature co-efficient in ± %FS/K | 0.05 %FS/K |
| Switch output | PNP |
| Switching function | Threshold value with fixed hysteresis |
| Switching element function | Normally open contact |
| 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 |
| PWIS conformity | VDMA24364-B1/B2-L |