

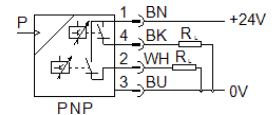
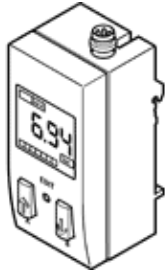
Pressure sensor SDE1-D6-G2-W18-L-P2-M8

Part number: 537027
Product to be discontinued

FESTO

With M8 plug version.

Type to be discontinued. Available until 2019. See Support Portal for alternative products.



Data sheet

| Feature | Value |
|---|---|
| Authorization | RCM Mark c UL us - Recognized (OL) |
| CE symbol (see declaration of conformity) | according to EU-EMV guideline |
| Materials note | Free of copper and PTFE Conforms to RoHS |
| Measured variable | Relative pressure |
| Measurement method | Piezoresistive pressure sensor with display |
| Pressure measuring range, initial value | 0 bar |
| Pressure measuring range, final value | 6 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 | 150 mA |
| Short circuit strength | Pulsing |
| Operating voltage range DC | 15 ... 30 V |
| Polarity protected | for all electrical connections |
| Electrical connection | Plug Round design to EN 60947-5-2 M8x1 4-pin |
| Mounting type | Optional with top-hat rail with wall/surface fixing |
| Assembly position | Any |
| Pneumatic connection | G1/8 |
| Product weight | 85 g |
| Material housing | PA POM-reinforced |
| Type of display | illuminated LCD |
| Operating status display | LCD |
| Setting options | Teach-In |
| Protection against manipulation | PIN-Code |
| Threshold value setting range | 2 ... 99.8 % |
| Hysteresis setting range | 0 ... 90 % |
| Protection class | IP65 |
| Corrosion resistance classification CRC | 2 - Moderate corrosion stress |