

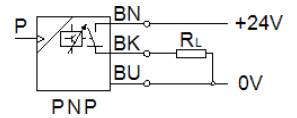
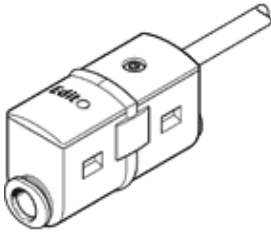
# Pressure sensor SDE5-D10-FP-Q4E-P-K

Part number: 542901

★ Core product range

With cable.

FESTO



## Data sheet

| Feature                                      | Value   |
|--|---|
| Authorization                                | RCM Mark<br>c UL us - Recognized (OL)                                 |
| CE symbol (see declaration of conformity)    | according to EU-EMV guideline<br>in accordance with EU RoHS directive |
| UKCA marking (see declaration of conformity) | To UK instructions for EMC<br>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        | 10 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                           | Freely programmable   |
| Switching element function                   | Switchable  |
| 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-core<br>Cable<br>to EN 60947-5-2                                    |
| Cable length                                 | 2.5 m   |
| Mounting type                                | with accessories  |
| Assembly position                            | Any   |
| Pneumatic connection                         | QS-4  |
| Product weight                               | 47 g  |
| Material housing                             | PA<br>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   |