

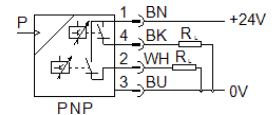
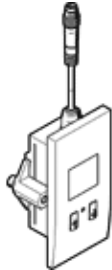
# Pressure sensor SDE1-D10-G2-FQ4-L-P2-M12

Part number: 537031  
Product to be discontinued

FESTO

With M12 plug version.

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



## Data sheet

| Feature                                   | Value  |
|---|--|
| Authorization                             | RCM Mark   |
| CE symbol (see declaration of conformity) | according to EU-EMV guideline  |
| Materials note                            | Free of copper and PTFE<br>Conforms to RoHS                          |
| Measured variable                         | Differential pressure<br>Relative pressure                           |
| Measurement method                        | Piezoresistive pressure sensor with display                          |
| 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  |
| 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                     | Cable with plug<br>Round design<br>to EN 60947-5-2<br>M12x1<br>4-pin |
| Mounting type                             | Front panel installation   |
| Assembly position                         | Any  |
| Pneumatic connection                      | QS-4   |
| Product weight                            | 150 g  |
| Material housing                          | PA<br>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  |