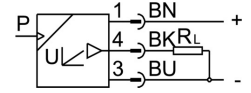


# Pressure sensor SDE5-D10-NF-Q6-V-M8

Part number: 567466

FESTO



## Data sheet

| Feature                                    | Value  |
|--|--|
| Type code                                  | SDE5   |
| KC characters                              | KC EMC   |
| Symbol                                     | 00991967   |
| Certification                              | RCM compliance mark<br>c UL us - Recognized (OL)             |
| CE marking (see declaration of conformity) | As per EU EMC directive<br>As per EU RoHS directive          |
| Note on materials                          | RoHS-compliant   |
| Measured variable                          | Relative pressure  |
| Method of measurement                      | Piezoresistive pressure sensor                               |
| Pressure measuring range initial value     | 0 bar  |
| Pressure measuring range end value         | 10 bar   |
| Operating medium                           | Compressed air as per ISO 8573-1:2010 [7:4:4]                |
| Information on operating and pilot media   | Operation with oil lubrication possible                      |
| Temperature of medium                      | 0 °C ... 50 °C   |
| Ambient temperature                        | 0 °C ... 50 °C   |
| Repetition accuracy in ± %FS               | 0.3 %FS  |
| Temperature co-efficient in ± %FS/K        | 0.05 %FS/K   |
| Analog output                              | 0 - 10 V   |
| Output characteristic curve initial value  | 0 V  |
| End value output characteristic curve      | 10 V   |
| Precision analog output in ± %FS           | 3 %FS  |
| Linearity error in ± % FS                  | 0.3 %FS  |
| Short-circuit protection                   | yes  |
| DC operating voltage range                 | 15 V ... 30 V  |
| Reverse polarity protection                | for all electrical connections                               |
| Electrical connection                      | 3-pin<br>M8x1<br>Plug<br>as per EN 60947-5-2<br>Round design |
| Type of mounting                           | With accessories   |
| Mounting position                          | Any  |
| Pneumatic connection                       | QS-6   |
| Product weight                             | 19 g   |
| Housing material                           | PA<br>POM  |
| Ready status indication                    | LED green  |

| <b>Feature</b>                   | <b>Value</b>                  |
|----------------------------------|-------------------------------|
| Degree of protection             | IP40                          |
| Corrosion resistance class (CRC) | 2 - Moderate corrosion stress |