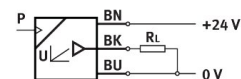


Pressure transmitter SPTE-B2R-PC10-V-2.5K

Part number: 8025976

FESTO



Data sheet

| Feature | Value |
|--|---|
| Approval | RCM trademark c UL us - Recognized (OL) |
| CE mark (see declaration of conformity) | To EU EMC Directive In accordance with EU RoHS Directive |
| UKCA marking (see declaration of conformity) | To UK instructions for EMC To UK RoHS instructions |
| Certificate issuing authority | UL E322346 |
| Note on materials | RoHS-compliant |
| Measured variable | Relative pressure |
| Measurement method | Piezoresistive pressure sensor |
| Start value for pressure measuring range | -0.1 MPa -1 bar -14.5 psi |
| End value for pressure measuring range | 0.1 MPa 1 bar 14.5 psi |
| Overload pressure | 0.5 MPa 5 bar 72.5 psi |
| Operating medium | Compressed air to ISO 8573-1:2010 [7:4:4] |
| Note on operating and pilot medium | Lubricated operation possible |
| Media temperature | 0 °C...50 °C |
| Ambient temperature | 0 °C...50 °C |
| Accuracy in ± % FS | 3 %FS |
| Repetition accuracy in ± % FS | 0.3 %FS |
| Temperature coefficient in ± %FS/K | 0.05 %FS/K |
| Analogue output | 0 - 10 V |
| Rise time | 1 ms |
| Min. load resistance voltage output | 15 kOhm |
| Short circuit current rating | For all electrical connections |
| Operational voltage range DC | 18 V...30 V |
| Reverse polarity protection | For all electrical connections |

| Feature | Value |
|---|--|
| Electrical connection | 3-wire Cable Open end |
| Cable length | 2.5 m |
| Type of mounting | Pin-type connection |
| Mounting position | optional |
| Pneumatic connection | Cartridge 10 mm |
| Product weight | 35 g |
| Material housing | PA-reinforced |
| Material sealing ring | FPM NBR |
| Degree of protection | IP40 |
| Corrosion resistance class CRC | 2 - Moderate corrosion stress |
| LABS (PWIS) conformity | VDMA24364-B2-L |
| Suitability for the production of Li-ion batteries | Suitable for battery production with reduced Cu/Zn/Ni values (F1a) |
| Cleanroom suitability, measured according to ISO 14644-14 | Class 4 according to ISO 14644-1 |