Pressure sensor SDE3-D10M-B-HQ4-2P-M8

Part number: 568665



Data sheet

| Feature | Value |
|--|--|
| Type code | SDE3 |
| Symbol | 00991165 |
| Certification | RCM compliance mark c UL us - Recognized (OL) |
| CE marking (see declaration of conformity) | As per EU EMC directive |
| Note on materials | Free of copper and PTFE RoHS-compliant |
| Measured variable | 1x relative pressure/1x differential pressure |
| Method of measurement | Piezoresistive pressure sensor with display |
| 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 |
| Switching output | 2xPNP |
| Switching function | Freely programmable |
| Switching element function | Switchable |
| Reproducibility of switching value | 0.3 % |
| Max. output current | 100 mA |
| Short-circuit protection | Pulsed |
| DC operating voltage range | 15 V 30 V |
| Reverse polarity protection | for all electrical connections |
| Electrical connection | 4-pin M8x1 Plug as per EN 60947-5-2 Round design |
| Type of mounting | With through-hole With H-rail |
| Mounting position | Any |
| Pneumatic connection | QS-4 |
| Product weight | 37 g |
| Housing material | PA-reinforced PC |
| Display type | Illuminated LCD |
| Switching status indication | LCD yellow |
| Setting options | Teach-in |

P 2 WHR 3 BU 0V

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| Feature | Value |
|----------------------------------|-------------------------------|
| Protection against tampering | PIN code |
| Setting range threshold value | 0 % 100 % |
| Setting range hysteresis | 0 % 90 % |
| Degree of protection | IP65 |
| Corrosion resistance class (CRC) | 2 - Moderate corrosion stress |