

Proximity sensor SIEN-M5B-PO-S-L

Part number: 150375

FESTO



[General operating condition](#)

Data sheet

| Feature | Value |
|--|--|
| Conforms to standard | EN 60947-5-2 |
| Symbol | 00991614 |
| Approval | RCM trademark c UL us listed (OL) |
| CE mark (see declaration of conformity) | To EU EMC Directive In accordance with EU RoHS Directive |
| UKCA marking (see declaration of conformity) | according to UK RoHS instructions (UK-R) |
| Note on materials | RoHS-compliant |
| Rated operating distance | 0.8 mm |
| Ambient temperature | -25 °C ... 70 °C |
| Repetition accuracy with constant conditions | 0.01 mm |
| Switching output | PNP |
| Switching element function | N/C contact |
| Max. switching frequency | 5000 Hz |
| Max. output current | 200 mA |
| Short circuit current rating | Pulsed |
| Operational voltage range DC | 10 V ... 30 V |
| Reverse polarity protection | For all electrical connections |
| Electrical connection 1, connection type | Plugs |
| Electrical connection 1, connector system | M8x1, A-coded, to EN 61076-2-104 |
| Electrical connection 1, number of connections/cores | 3 |
| Electrical connection 1, type of mounting | Not rotatable |
| Electrical connection 1, compatible type of mounting | Compatible with latching lock Compatible with rotatable screw-type lock |
| Size | M5x0.5 |
| Type of mounting | Via lock nut |
| Tightening torque | 1.5 Nm |
| Mounting type | Flush |
| Product weight | 4.3 g |
| Material housing | High-alloy stainless steel |
| Switching status indication | Yellow LED |
| Ambient temperature with moving cable | -5 °C ... 70 °C |
| Degree of protection | IP67 |
| Immunity to surge | 1 kV |
| Corrosion resistance class CRC | 4 - Very high corrosion stress |
| LABS (PWIS) conformity | VDMA24364-B2-L |

| Feature | Value |
|---|--------------------------------|
| Pollution degree | 3 |
| Additional information for sensor selection | with standard sensing distance |
| Electrical output | PNP |
| Selection of sensor design | Standard |