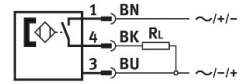



Proximity sensor SME-8M-DS-24V-K-0,3-M8D

Part number: 543861

FESTO



 General operating condition

Data sheet

| Feature | Value |
|--|---|
| Symbol | 00991619 |
| 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) | To UK instructions for EMC To UK RoHS instructions |
| Special characteristics | Oil resistant |
| Note on materials | RoHS-compliant |
| Instructions on use | https://www.festo.com/Drive-Sensor-Overview |
| Measuring principle | Magnetic reed |
| Ambient temperature | -40 °C ... 70 °C |
| Switching output | Contacting, bipolar |
| Switching element function | N/O contact |
| Max. output current | 500 mA |
| Max. output current using mounting kits | 80 mA |
| Max. switching capacity AC | 10 VA |
| Max. switching capacity DC | 10 W |
| Max. switching capacity DC using mounting kits | 2.4 W |
| Max. switching capacity AC using mounting kits | 2.4 VA |
| Voltage drop | 1.17 V |
| Short circuit current rating | no |
| Overload protection | Not available |
| Operational voltage range AC | 5 V ... 30 V |
| Operational voltage range DC | 5 V ... 30 V |
| Reverse polarity protection | no |
| Electrical connection 1, connection type | Cable with plug |
| 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 | Screw-type lock Rotatable |
| Electrical connection 1, compatible type of mounting | Compatible with rotatable/non-rotatable screw-type lock |
| Electrical connection 1, connection pattern | 00991155 |
| Connection outlet orientation | In-line |
| Material electrical contact | Gold-plated copper alloy |
| Material connector housing | TPE-U(PU) |
| Material screw-type lock | Nickel-plated brass |

| Feature | Value |
|---------------------------------------|---|
| Test conditions cable | Bending strength: to Festo standard Test conditions on request Energy chain: > 5 million cycles, bending radius 75 mm |
| Cable length | 0.3 m |
| Cable characteristic | Standard/suitable for energy chains |
| Material cable sheath | TPE-U(PUR) |
| Type of mounting | Screw-clamped Insertable in the slot from above |
| Product weight | 8.9 g |
| Material housing | High-alloy stainless steel |
| Switching status indication | Yellow LED |
| Ambient temperature with moving cable | -5 °C ... 70 °C |
| Degree of protection | IP65 IP68 |
| LABS (PWIS) conformity | VDMA24364-B2-L |