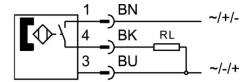


Proximity sensor SME-8M-DS-24V-K-0,3-M8D

Part number: 543861

FESTO



Data sheet

| Feature | Value |
|---|---|
| Type code | SME |
| Symbol | 00991619 |
| Certification | RCM compliance mark c UL us - Listed (OL) |
| CE marking (see declaration of conformity) | As per EU EMC directive |
| Special features | Oil-resistant |
| Note on materials | Free of copper and PTFE RoHS-compliant |
| Measuring principle | Magnetic reed |
| Ambient temperature | -40 °C ... 70 °C |
| Switching output | Contact-based, bipolar |
| Switching element function | N/O contact |
| Max. output current | 500 mA |
| Max. output current in mounting kits | 80 mA |
| Min. switching capacity AC | 10 VA |
| Max. switching capacity DC | 10 W |
| Max. switching capacity DC in mounting kits | 2.4 W |
| Max. switching capacity AC in mounting kits | 2.4 VA |
| Voltage drop | 1.17 V |
| Short-circuit protection | no |
| Overload protection | Not available |
| Operating voltage range AC | 5 V ... 30 V |
| DC operating voltage range | 5 V ... 30 V |
| Reverse polarity protection | no |
| Electrical connection 1, connection type | Cable with plug |
| Electrical connection 1, connection technology | M8x1 A-coded as per EN 61076-2-104 |
| Electrical connection 1, number of pins/wires | 3 |
| Electrical connection 1, type of mounting | Screw-type lock |
| Electrical connection for input 1, connection pattern | 00991155 |
| Connection outlet orientation | Longitudinal |
| Connector cable test conditions | Flexural strength: as per Festo standard Test conditions on request Cable chain: 5 million cycles, bending radius 75 mm |
| Cable length | 0.3 m |
| Cable characteristic | Standard + cable chain |
| Material of cable sheath | TPE-U(PUR) |

| Feature | Value |
|--|--|
| Type of mounting | Screwed tightly Can be inserted in slot from above |
| Product weight | 8.9 g |
| Housing material | Brass, nickel-plated PA TPE-U(PUR) High-alloy stainless steel |
| Switching status indication | LED yellow |
| Ambient temperature with flexible cable installation | -5 °C ... 70 °C |
| Degree of protection | IP65 IP68 |