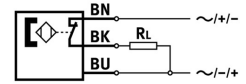


Proximity sensor SME-8M-DO-24V-K-7,5-OE

Part number: 546799

FESTO



General operating condition

Data sheet

| Feature | Value |
|--|---|
| Symbol | 00991622 |
| Certification | RCM compliance mark c UL us - Listed (OL) |
| CE marking (see declaration of conformity) | As per EU EMC directive As per EU RoHS directive |
| UKCA marking (see declaration of conformity) | To UK instructions for EMC To UK RoHS instructions |
| Special features | Oil-resistant |
| Note on materials | RoHS-compliant |
| Measuring principle | Magnetic reed |
| Ambient temperature | -40 °C ... 70 °C |
| Switching output | Contact-based, bipolar |
| Switching element function | N/C contact |
| Max. output current | 80 mA |
| Max. output current in mounting kits | 80 mA |
| Min. switching capacity AC | 2.4 VA |
| Max. switching capacity DC | 2.4 W |
| Max. switching capacity DC in mounting kits | 2.4 W |
| Max. switching capacity AC in mounting kits | 2.4 VA |
| Voltage drop | 4.25 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 |
| Electrical connection 1, connection technology | Open end |
| Electrical connection 1, number of pins/wires | 3 |
| Connection outlet orientation | Longitudinal |
| Connector cable test conditions | Flexural strength: as per Festo standard Test conditions on request Energy chain > 5 million cycles, bending radius 75 mm |
| Cable length | 7.5 m |
| Cable characteristic | Standard/suitable for energy chains |
| Material of cable sheath | TPE-U(PUR) |
| Type of mounting | Screwed tightly Can be inserted in slot from above |

| Feature | Value |
|--|----------------------------------|
| Product weight | 87.1 g |
| Housing material | PA High-alloy stainless steel |
| Switching status indication | LED yellow |
| Ambient temperature with flexible cable installation | -5 °C ... 70 °C |
| Degree of protection | IP65 IP68 |
| LABS (PWIS) conformity | VDMA24364-B2-L |