

# Proximity Sensor

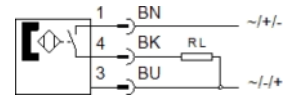
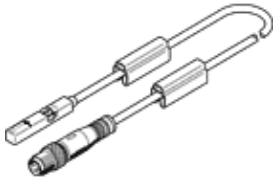
## SME-8M-DS-24V-K-0,3-M8D

Part number: 543861

★ Core product range

Electric, with reed contact, for drives with T-slot, assembly from above, with M8 plug.

FESTO



## Data sheet

| Feature  | values  |
|--|---|
| Authorization  | RCM Mark<br>c UL us - Listed (OL)   |
| CE symbol (see declaration of conformity)            | according to EU-EMV guideline   |
| Special characteristics                              | Oil resistant   |
| Materials note                                       | Free of copper and PTFE<br>Conforms to RoHS   |
| Measuring principle                                  | Reed magnetic   |
| Ambient temperature                                  | -40 ... 70 °C   |
| Switch output  | with contact, bipolar   |
| Switching element function                           | Normally open contact   |
| Max. output current                                  | 500 mA  |
| Max. output current in mounting kits                 | 80 mA   |
| Max. contact rating AC                               | 10 VA   |
| Max. contact rating 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 strength                               | No  |
| Overload withstand capability                        | Not available   |
| Operating voltage range AC                           | 5 ... 30 V  |
| Operating voltage range DC                           | 5 ... 30 V  |
| Polarity protected                                   | No  |
| Electrical connection                                | Cable with plug<br>M8x1<br>3-pin<br>Turnable threads  |
| Connector exit direction                             | axial   |
| Test conditions of cable                             | Bending strength according to Festo standard<br>Test conditions on request<br>Chain link trunking: 5 million cycles, bending radius 75 mm |
| Cable length   | 0.3 m   |
| Cable attribute                                      | Standard + chain link trunking  |
| Materials information, cable sheaths                 | TPE-U(PUR)  |
| Mounting type  | Tightened<br>Insertable in slot from above  |
| Product weight                                       | 8.9 g   |
| Materials information, housing                       | Nickel-plated brass<br>PA<br>TPE-U(PUR)<br>High alloy steel, non-corrosive  |
| Ambient temperature with flexible cable installation | -5 ... 70 °C  |
| Protection class                                     | IP65<br>IP68  |