

Proximity sensor SMEO-1-LED-230-B

Part number: 151671

FESTO



 [General operating condition](#)

Data sheet

| Feature | Value |
|--|--|
| Design | Block design |
| Conforms to standard | EN 60947-5-2 |
| Symbol | 00991624 |
| Certification | RCM compliance mark |
| CE marking (see declaration of conformity) | As per EU EMC directive As per EU low voltage directive As per EU RoHS directive |
| UKCA marking (see declaration of conformity) | To UK RoHS instructions To UK instructions for electrical equipment |
| Note on materials | RoHS-compliant |
| Measured variable | Position |
| Measuring principle | Magnetic reed |
| Ambient temperature | -20 °C ... 70 °C |
| Repetition accuracy | 0.2 mm |
| Switching output | Contact-based, bipolar |
| Switching element function | N/O contact |
| On time | 0.5 ms |
| Switch-off time | 0.03 ms |
| Max. switching frequency | 500 Hz |
| Max. output current AC | 250 mA |
| Max. output current DC | 120 mA |
| Min. switching capacity AC | 40 VA |
| Max. switching capacity DC | 40 W |
| Voltage drop | ≤4.5 V |
| Residual current | 0 mA |
| Short-circuit protection | no |
| Overload protection | Not available |
| Operating voltage range AC | 5 V ... 250 V |
| DC operating voltage range | 5 V ... 200 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 | 2 |
| Connection outlet orientation | Longitudinal |
| Cable length | 2.5 m |
| Color cable sheath | Gray |

| Feature | Value |
|--|--|
| Material of cable sheath | PVC |
| Type of mounting | With accessories |
| Tightening torque | 2.9 Nm |
| Mounting position | Any |
| Product weight | 100 g |
| Housing colour | Black |
| Housing material | PC PET Steel TPE-O Die-cast zinc |
| Switching status indication | LED yellow |
| Ambient temperature with flexible cable installation | -5 °C ... 70 °C |
| Degree of protection | IP67 |
| Surge resistance | 4 kV |
| LABS (PWIS) conformity | VDMA24364-B2-L |
| Contamination level | 3 |