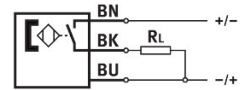


Proximity sensor SMEO-1-LED-24-B

Part number: 30459

FESTO



[PDF](#) General operating condition

Data sheet

| Feature | Value |
|--|---|
| Design | Block design |
| Symbol | 00991145 |
| Approval | RCM trademark |
| 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 |
| 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 | Contacting, bipolar |
| Switching element function | N/O contact |
| Switch-on time | ≤0.5 ms |
| Max. switching frequency | 500 Hz |
| Max. output current | 1000 mA |
| Max. switching capacity AC | 27 VA |
| Max. switching capacity DC | 27 W |
| Short circuit current rating | no |
| Overload protection | Not available |
| Operational voltage range AC | 12 V ... 27 V |
| Operational voltage range DC | 12 V ... 27 V |
| Reverse polarity protection | no |
| Electrical connection 1, connection type | Cable |
| Electrical connection 1, connector system | Open end |
| Electrical connection 1, number of connections/cores | 3 |
| Connection outlet orientation | In-line |
| Cable length | 2.5 m |
| Cable sheath colour | Grey |
| Material cable sheath | TPE-U(PUR) |
| Type of mounting | With accessories |
| Mounting position | optional |
| Product weight | 85 g |
| Housing colour | Black |

| Feature | Value |
|---------------------------------------|-------------------------|
| Material housing | Reinforced PET Steel |
| Switching status indication | Yellow LED |
| Ambient temperature with moving cable | -5 °C ... 70 °C |
| Degree of protection | IP67 |
| LABS (PWIS) conformity | VDMA24364-B2-L |