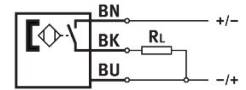


Proximity sensor SMEO-4U-K5-LED-24

Part number: 175401

FESTO



[PDF](#) General operating condition

Data sheet

| Feature | Value |
|--|---|
| Design | Round |
| Symbol | 00991145 |
| Certification | RCM compliance mark |
| CE marking (see declaration of conformity) | As per EU EMC directive As per EU RoHS directive |
| UKCA marking (see declaration of conformity) | To UK RoHS instructions |
| Measuring principle | Magnetic reed |
| Ambient temperature | -20 °C ... 60 °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 | 800 Hz |
| Max. output current | 500 mA |
| Max. switching capacity DC | 10 W |
| Inductive protective circuit | Adapted to MZ, MY and ME coils |
| Short-circuit protection | no |
| DC operating voltage range | 12 V ... 27 V |
| Residual ripple | 10 % |
| 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 |
| Cable length | 5 m |
| Color cable sheath | Gray |
| Material of cable sheath | TPE-U(PUR) |
| Type of mounting | With accessories |
| Mounting position | Any |
| Product weight | 130 g |
| Housing material | PET |
| Switching status indication | LED yellow |
| Ambient temperature with flexible cable installation | -5 °C ... 60 °C |
| Degree of protection | IP67 |
| LABS (PWIS) conformity | VDMA24364-B2-L |