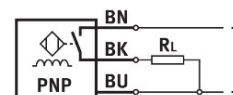


Proximity sensor SIEN-M8B-PS-K-L

Part number: 150386

FESTO



Data sheet

| Feature | Value |
|---|---|
| Conforms to standard | EN 60947-5-2 |
| Certification | RCM compliance mark c UL us - Listed (OL) |
| CE marking (see declaration of conformity) | As per EU EMC directive |
| Note on materials | RoHS-compliant |
| Rated operating distance | 1.5 mm |
| Assured operating distance | 1.21 mm |
| Reduction factors | Aluminum = 0.25 Stainless steel St 18/8 = 0.7 Copper = 0.2 Brass = 0.35 Steel St 37 = 1.0 |
| Ambient temperature | -25 °C...70 °C |
| Repetition accuracy under constant conditions | 0.07 mm |
| Switching output | PNP |
| Switching element function | N/O contact |
| Hysteresis | 0.07 mm |
| Max. switching frequency | 5000 Hz |
| Max. output current | 200 mA |
| Voltage drop | 2 V |
| Inductive protective circuit | Installed |
| Short-circuit protection | Pulsed |
| DC operating voltage range | 10 V...30 V |
| Residual ripple | ± 10% |
| Idle current | 10 mA |
| Reverse polarity protection | for all electrical connections |
| Electrical connection | Cable |
| Cable length | 2.5 m |
| Material of cable sheath | TPE-U(PUR) |
| Size | M8x1 |
| Type of mounting | With lock nut |
| Mounting type | Flush |
| Product weight | 53 g |

| Feature | Value |
|--|----------------------------------|
| 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 IP67 |
| Corrosion resistance class (CRC) | 2 - Moderate corrosion stress |
| LABS (PWIS) conformity | VDMA24364-B2-L |
| Selection of additional sensor information | With standard switching distance |
| Electrical output | PNP |
| Selection of sensor version | Standard |