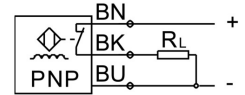


Proximity sensor SIEN-M30NB-PO-K-L

Part number: 150446

FESTO



Data sheet

| Feature | Value |
|--|--|
| Type code | SIEN |
| Conforms to standard | EN 60947-5-2 |
| Symbol | 00991613 |
| Certification | RCM compliance mark c UL us - Listed (OL) |
| CE marking (see declaration of conformity) | As per EU EMC directive |
| Note on materials | Free of copper and PTFE RoHS-compliant |
| Rated operating distance | 15 mm |
| Assured operating distance | 12.15 mm |
| Reduction factors | Aluminum = 0.5 Stainless steel St 18/8 = 0.85 Copper = 0.43 Brass = 0.53 Steel St 37 = 1.0 |
| Ambient temperature | -25 °C ... 70 °C |
| Repetition accuracy | 0.75 mm |
| Switching output | PNP |
| Switching element function | N/C contact |
| Hysteresis | ≤1.65 mm |
| Max. switching frequency | 700 Hz |
| Max. output current | 200 mA |
| Voltage drop | ≤2 V |
| Short-circuit protection | Pulsed |
| DC operating voltage range | 15 V ... 30 V |
| Residual ripple | +/- 20 % |
| Idle current | ≤10 mA |
| Reverse polarity protection | for all electrical connections |
| Electrical connection | 3-pin Cable |
| Cable length | 2.5 m |
| Material of cable sheath | TPE-U(PUR) |
| Size | M30x1.5 |
| Type of mounting | With lock nut |
| Tightening torque | 40 Nm |
| Mounting type | Not flush |
| Product weight | 150 g |

| Feature | Value |
|--|----------------------------------|
| Housing material | Brass PBTP Chrome-plated |
| Switching status indication | LED yellow |
| Ambient temperature with flexible cable installation | -5 °C ... 70 °C |
| Degree of protection | IP67 |
| Surge resistance | 0.8 kV |
| Contamination level | 3 |
| Selection of additional sensor information | With standard switching distance |
| Electrical output | PNP |
| Selection of sensor version | Standard |