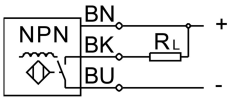
# Proximity sensor SIEN-M5B-NS-K-L

Part number: 150368




## Data sheet

| Feature | Value |
|---|---|
| Conforms to standard | EN 60947-5-2 |
| Approval | RCM trademark<br>c UL us listed (OL) |
| CE mark (see declaration of conformity) | To EU EMC Directive |
| Note on materials | RoHS-compliant |
| Rated operating distance | 0.8 mm |
| Ambient temperature | -25 °C...70 °C |
| Repetition accuracy with constant conditions | 0.01 mm |
| Switching output | NPN |
| Switching element function | N/O contact |
| Max. switching frequency | 5000 Hz |
| Max. output current | 200 mA |
| Short circuit current rating | Pulsed |
| Operational voltage range DC | 10 V...30 V |
| Reverse polarity protection | For all electrical connections |
| Electrical connection | 3-wire<br>Cable |
| Cable length | 2.5 m |
| Material cable sheath | TPE-U(PUR) |
| Size | M5x0.5 |
| Type of mounting | Via lock nut |
| Tightening torque | 1.5 Nm |
| Mounting type | Flush |
| Product weight | 33.6 g |
| Material housing | PA<br>High-alloy stainless steel |
| Switching status indication | Yellow LED |
| Ambient temperature with moving cable | -5 °C...70 °C |
| Degree of protection | IP67 |
| Immunity to surge | 1 kV |
| Corrosion resistance class CRC | 4 - Very high corrosion stress |
| LABS (PWIS) conformity | VDMA24364-B2-L |

| Feature | Value |
|---|---|
| Pollution degree | 3 |
| Additional information for sensor selection | with standard sensing distance |
| Electrical output | NPN |
| Selection of sensor design | Standard |