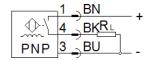
proximity sensor SIEN-M8NB-PS-S-L Part number: 150395

FESTO

Inductive, with standard switching distance.





Data sheet

| Feature | Value | |
|--|---------------------------------|--|
| Conforms to standard | EN 60947-5-2 | |
| Authorisation | RCM Mark | |
| | c UL us - Listed (OL) | |
| CE mark (see declaration of conformity) | to EU directive for EMC | |
| Materials note | Free of copper and PTFE | |
| Nominal switching distance | 2.5 mm | |
| Guaranteed switching distance | 2.03 mm | |
| Reduction factors | Aluminium = 0.25 | |
| | Stainless steel, St 18/8 = 0.7 | |
| | Copper = 0.2 | |
| | Brass = 0.35 | |
| | Steel, St 37 = 1.0 | |
| Ambient temperature | -25 70 °C | |
| Repetition accuracy for constant conditions | 0,12 mm | |
| Switch output | PNP | |
| Switching element function | Normally open contact | |
| Hysteresis | <= 0.12 mm | |
| Max. switching frequency | 3,000 Hz | |
| Max. output current | 200 mA | |
| Voltage drop | <= 2 V | |
| Inductive protective circuit | Integrated | |
| Short circuit strength | Pulsing | |
| Operating voltage range DC | 10 30 V | |
| Residual ripple | ± 10% | |
| Idle current | <= 10 mA | |
| Polarity protected | for all electrical connections | |
| Electrical connection | 3-pin | |
| | M8x1 | |
| | Plug | |
| Size | M8x1 | |
| Mounting type | with lock nut | |
| Type of installation | not flush | |
| Product weight | 18 g | |
| Material housing | Brass | |
| | PA | |
| | РВТР | |
| | High alloy steel, non-corrosive | |
| | Chromed-plated | |
| Operating status display | Yellow LED | |
| Ambient temperature with flexible cable installation | -5 70 °C | |
| Protection class | IP65 | |
| | IP67 | |
| Corrosion resistance classification CRC | 2 - Moderate corrosion stress | |