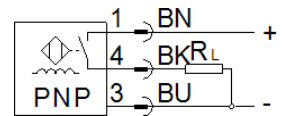
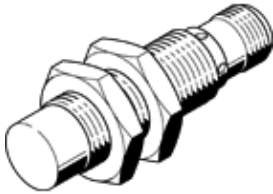


proximity sensor SIEF-M18NB-PS-S-L

Part number: 538315

FESTO

With plug, semi-flush mounting



Data sheet

| Feature | Value |
|--|--|
| Design | Round |
| 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 |
| Measuring principle | Inductive |
| Nominal switching distance | 12 mm |
| Guaranteed switching distance | 9.72 mm |
| Reduction factors | Aluminium = 1.0 Stainless steel, St 18/8 = 1.0 Copper = 1.0 Brass = 1.0 Steel, St 37 = 1.0 |
| Ambient temperature | -30 ... 85 °C |
| Repetition accuracy | 0.24 mm |
| Switch output | PNP |
| Switching element function | Normally open contact |
| Hysteresis | 0.36 ... 1.8 mm |
| Max. switching frequency, DC | 2,000 Hz |
| Max. output current | 200 mA |
| Voltage drop | ≤ 1.8 V |
| Short circuit strength | Pulsing |
| Operating voltage range DC | 10 ... 30 V |
| Residual ripple | 10 % |
| Idle current | ≤ 15 mA |
| Polarity protected | for all electrical connections |
| Electrical connection | 3-pin Fixcon M12x1 Plug |
| Size | M18 |
| Mounting type | with lock nut |
| Tightening torque | 25 Nm |
| Type of installation | Semi-flush |
| Product weight | 38 g |
| Material housing | Brass PBT Chromed-plated |
| Operating status display | Yellow LED |
| Protection class | IP67 |
| Interference immunity to magnetic fields | DC and AC magnetic field |
| Corrosion resistance classification CRC | 2 - Moderate corrosion stress |