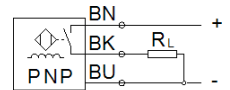


Proximity Sensor DADG-D-F8-40

Part number: 8072859

FESTO



Data sheet

| Feature | Value |
|--|--|
| Conforms to standard | EN 60947-5-2 |
| Authorization | RCM Mark c UL us (OL) |
| CE symbol (see declaration of conformity) | according to EU-EMV guideline |
| Materials note | Conforms to RoHS |
| Nominal switching distance | 0.6 mm |
| Guaranteed switching distance | 0.64 mm |
| Reduction factors | Aluminium = 0.55 Stainless steel, St 18/8 = 0.8 Copper = 0.5 Brass = 0.65 Steel, St 37 = 1.0 |
| Ambient temperature | -25 ... 70 °C |
| Repetition accuracy | 0.01 mm |
| Switch output | PNP |
| Switching element function | Normally open contact |
| Max. switching frequency | 5,000 Hz |
| Max. switching frequency, DC | 5,000 Hz |
| Max. output current | 100 mA |
| Voltage drop | 2 V |
| 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 1, connection type | Cable |
| Electrical connection 1, connection technology | Open end |
| Electrical connection 1, number of pins/wires | 3 |
| Cable length | 2 m |
| Material cable sheath | TPE-U(PUR) |
| Size | M4 |
| Mounting type | Tightened |
| Type of installation | flush |
| Product weight | 32 g |
| Material housing | Steel |
| Protection class | IP67 |
| PWIS conformity | VDMA24364 zone III |