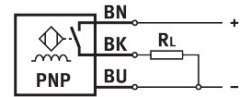


Proximity sensors

DADG-D-F8-40

Part number: 807 2859

FESTO



Data sheet

| Feature | Value |
|--|---|
| Conforms to standard | EN 60947-5-2 |
| Certification | RCM compliance mark |
| CE marking (see declaration of conformity) | As per EU EMC directive |
| UKCA marking (see declaration of conformity) | To UK instructions for EMC |
| Note on materials | RoHS-compliant |
| Rated operating distance | 0.6 mm |
| Assured operating distance | 0.64 mm |
| Reduction factors | Aluminum = 0.55 Stainless steel St 18/8 = 0.8 Copper = 0.5 Brass = 0.65 Steel St 37 = 1.0 |
| Ambient temperature | -25 °C...70 °C |
| Repetition accuracy | 0.01 mm |
| Switching output | PNP |
| Switching element function | N/O contact |
| Max. switching frequency | 5000 Hz |
| Max. switching frequency DC | 5000 Hz |
| Max. output current | 100 mA |
| Voltage drop | 2 V |
| Short-circuit protection | Pulsed |
| DC operating voltage range | 10 V...30 V |
| Residual ripple | 10 % |
| Idle current | 10 mA |
| Reverse polarity protection | 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 of cable sheath | TPE-U(PUR) |
| Size | M4 |
| Type of mounting | Screwed tightly |

| Feature | Value |
|------------------------|--------------------|
| Mounting type | Flush |
| Product weight | 32 g |
| Housing material | Steel |
| Degree of protection | IP67 |
| LABS (PWIS) conformity | VDMA24364 zone III |