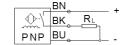
proximity sensor DADG-D-F8-40 Part number: 8072859







Data sheet

| Feature | Value | |
|--|--------------------------------|--|
| Conforms to standard | EN 60947-5-2 | |
| Authorisation | RCM Mark | |
| | c UL us (OL) | |
| CE mark (see declaration of conformity) | to EU directive for EMC | |
| 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 | |