

IFRR 18N17T1/L-9

Inductive proximity switch - washdown

Article number: 11013671

Overview

- 8 mm
- NPN make function (NO)
- cable PVC, 2 m
- -40 ... 80 °C
- IP 68/69K & proTect+



Picture similar



Technical data

| General data | | Electrical data | |
|---|------------------------------|-----------------------------|---|
| Mounting type | Quasi-flush | Reverse polarity protection | Yes |
| Special type | Washdown design | Mechanical data | |
| Nominal sensing distance S _n | 8 mm | Type | Cylindrical threaded |
| Hysteresis | 2 ... 15 % of S _r | Material (sensing face) | LCP |
| Output indicator | LED red | Housing material | Stainless steel 1.4404 (V4A); LSR |
| Approvals/certificates | Ecolab | Dimension | 18 mm |
| Electrical data | | Housing length | 55 mm |
| Switching frequency | 500 Hz | Connection types | Cable PVC, 2 m |
| Voltage supply range +V _s | 6 ... 30 VDC | Tightening torque max. | 55 Nm (Front: 38 Nm) |
| Current consumption max. (no load) | 10 mA | Ambient conditions | |
| Output circuit | NPN make function (NO) | Operating temperature | -40 ... +80 °C |
| Voltage drop V _d | < 2 VDC | Cleaning temperature | 80 ... +100 °C (30 min/day) |
| Output current | < 200 mA | Protection class | IP 68/69K & proTect+ |
| Output current (at cleaning temperature) | < 100 mA | Vibration resistance | EN 61373: 2010 (category 3), 5h per axis (14.4 gRMS, 10-500 Hz, EN 60068-2-64) |
| Short circuit protection | Yes | Shock resistance | EN 61373: 2010 (category 3), 10 bumps per axis (100 g, 6 ms, EN 60068-2-27) |

Remarks

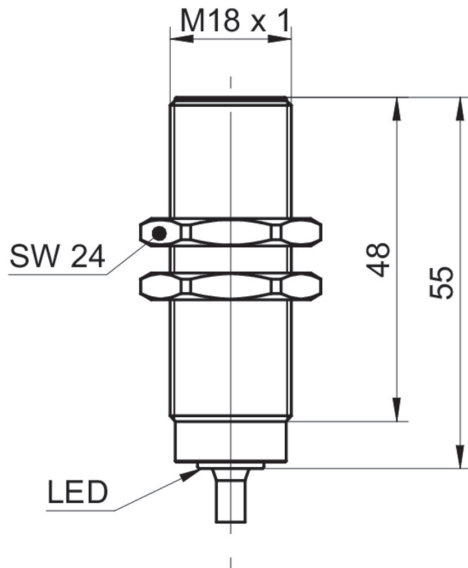
- Sensor FDA compliant and Ecolab approved
- LSR = Liquid Silicon Rubber

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Dimension drawing



Connection diagram

