

Overview

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

Remarks

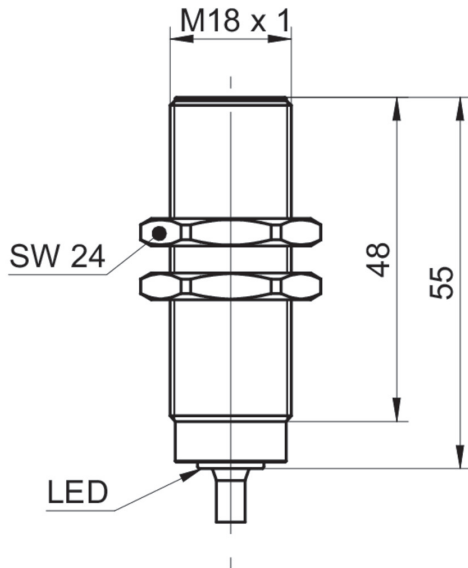
- Sensor FDA compliant and Ecolab approved
- LSR = Liquid Silicon Rubber

IFRR 18P37T1/L-9

Inductive proximity switch - washdown

Article number: 11013670

Dimension drawing



Connection diagram

