

IFRR 18N17T1/S14L-9

Inductive proximity switch - outdoor and washdown

Article number: 11013637

Overview

- 8 mm
- NPN make function (NO)
- connector M12
- -40 ... 80 °C
- IP 68/69K & proTect+



Picture similar



Technical data

General data		Electrical data	
Mounting type	Quasi-flush	Short circuit protection	Yes
Special type	Outdoor design Washdown design	Reverse polarity protection	Yes
Nominal sensing distance S _n	8 mm	Mechanical data	
Hysteresis	2 ... 15 % of S _r	Type	Cylindrical threaded
Output indicator	LED red	Material (sensing face)	LCP
Approvals/certificates	Ecolab	Housing material	Stainless steel 1.4404 (V4A); LSR
Electrical data		Dimension	18 mm
Switching frequency	< 500 Hz	Housing length	60 mm
Voltage supply range +V _s	6 ... 30 VDC	Connection types	Connector M12
Current consumption max. (no load)	10 mA	Tightening torque max.	55 Nm (Front: 38 Nm)
Output circuit	NPN make function (NO)	Ambient conditions	
Voltage drop V _d	< 2 VDC	Operating temperature	-40 ... +80 °C
Output current	< 200 mA	Cleaning temperature	80 ... +100 °C (30 min/day)
Output current (at cleaning temperature)	< 100 mA	Protection class	IP 68/69K & proTect+
		Vibration resistance	EN 61373: 2010 (category 3), 5h per axis (14.4 gRMS, 10-500 Hz, EN 60068-2-64)
		Shock resistance	EN 61373: 2010 (category 3), 10 bumps per axis (100 g, 6 ms, EN 60068-2-27)

Remarks

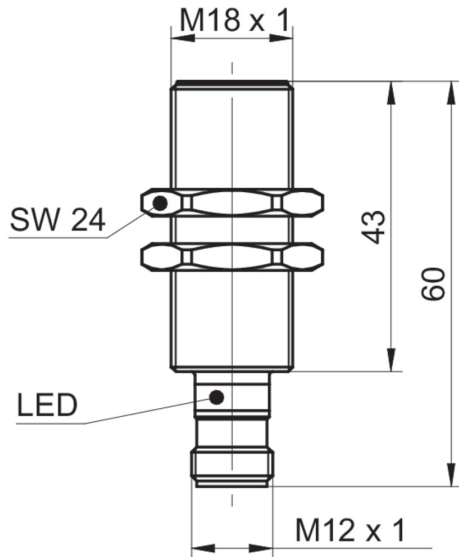
- Sensor FDA compliant and Ecolab approved
- LSR = Liquid Silicon Rubber

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Dimension drawing



Connection diagram

