

IFRR 18N13T1/PL-9

Inductive proximity switch - outdoor and washdown

Article number: 11013664

overview

- 12 mm
- NPN make function (NO)
- cable PUR 3 x 0,25, 2 m
- -40 ... 80 °C
- IP 68/69K & proTect+



Technical data

general data		electrical data	
mounting type	non-flush	reverse polarity protection	yes
special type	Outdoor design	mechanical data	
nominal sensing distance S _n	12 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
electrical data		dimension	18 mm
switching frequency	< 500 Hz	housing length	55 mm
voltage supply range +V _s	10 ... 30 VDC	connection types	cable PUR 3 x 0,25, 2 m
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+
short circuit protection	yes	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

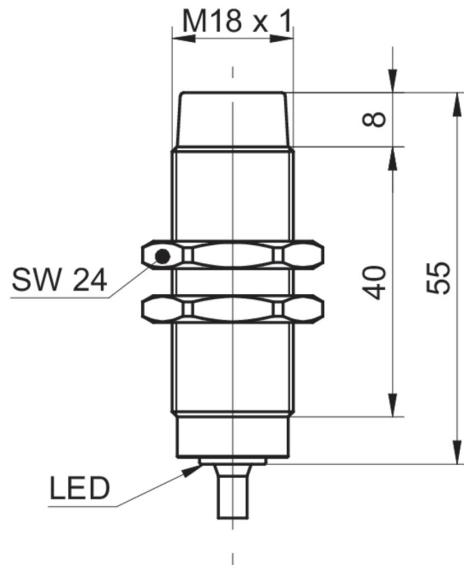
- LSR = Liquid Silicon Rubber

IFRR 18N13T1/PL-9

Inductive proximity switch - outdoor and washdown

Article number: 11013664

dimension drawing



connection diagram

