

## IFRM 18N37M1/PL

Inductive proximity switch - outdoor

Article number: 11013680

### overview

- 10 mm
- NPN break function (NC)
- cable PUR 3 x 0,25, 2 m
- -40 ... 80 °C
- IP 67



### Technical data

#### general data

mounting type	flush
special type	Outdoor design
nominal sensing distance S <sub>n</sub>	10 mm
hysteresis	2 ... 15 % of S <sub>r</sub>
output indicator	LED red

#### electrical data

switching frequency	< 400 Hz
voltage supply range +V <sub>s</sub>	12 ... 30 VDC
current consumption max. (no load)	24 mA
output circuit	NPN break function (NC)
voltage drop V <sub>d</sub>	< 2 VDC
output current	< 200 mA

#### electrical data

short circuit protection	yes
reverse polarity protection	yes

#### mechanical data

type	cylindrical threaded
material (sensing face)	PBT
housing material	brass nickel plated
dimension	18 mm
housing length	50 mm
connection types	cable PUR 3 x 0,25, 2 m
tightening torque max.	40 Nm (Front: 28 Nm)

#### ambient conditions

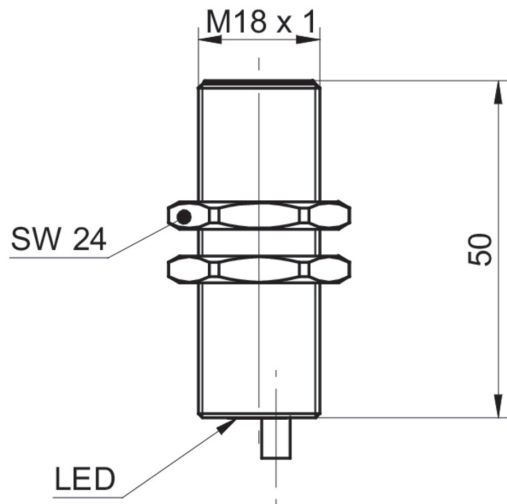
operating temperature	-40 ... +80 °C
protection class	IP 67

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### dimension drawing



### connection diagram

