Baumer
Passion for Sensors

Inductive proximity switch

IFRM 18N17M1/PL

Inductive proximity switch - outdoor

Article number: 11013679

Overview

- 10 mm
- NPN make function (NO)
- cable PUR 3 x 0,25, 2 m
- -40 … 80 °C
- IP 67

Picture similar

Technical data

General data	
Mounting type	Flush
Special type	Outdoor design
Nominal sensing distance Sn	10 mm
Hysteresis	2 … 15 % of Sr
Output indicator	LED red
Electrical data	
Switching frequency	< 400 Hz
Voltage supply range +Vs	6 … 36 VDC
Current consumption max. (no load)	24 mA
Output circuit	NPN make function (NO)
Voltage drop Vd	< 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

2021-02-22 The product features and technical data specified do not express or imply any warranty. Technical modifications subject to change.

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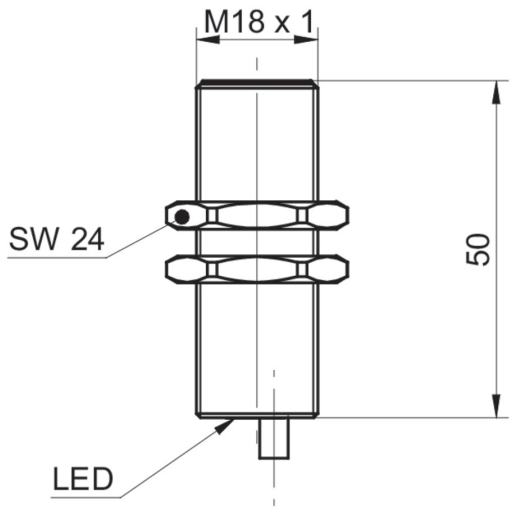
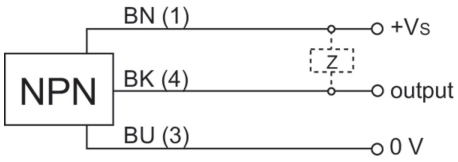
Dimension drawing



Connection diagram



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