Baumer
Passion for Sensors

Inductive proximity switch

IFRM 18P37M1/S14L

Inductive proximity switch - outdoor

Article number: 11013674

Overview

- 10 mm
- PNP break function (NC)
- connector M12
- -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	PNP break function (NC)
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	60 mm
Connection types	Connector M12
Tightening torque max.	40 Nm (Front: 28 Nm)
Ambient conditions	
Operating temperature	-40 … +80 °C
Protection class	IP 67

Remarks

- Load resistance: Z < 100 kOhm must be connected

2021-06-28 The product features and technical data specified do not express or imply any warranty. Technical modifications subject to change.

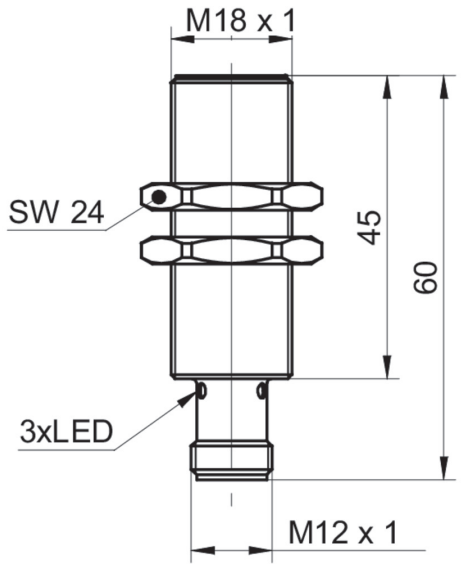
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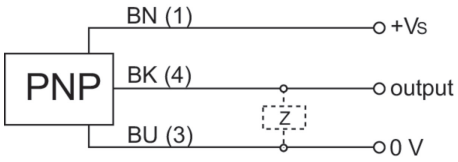
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Dimension drawing



Connection diagram



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