Baumer
Passion for Sensors

Inductive proximity switch

IFFM 12N17A3/S05L

Inductive proximity switch

Article number: 10150242

Overview

- 4 mm
- NPN make function (NO)
- connector M5
- -25 … 75 °C
- IP 67



Picture similar

Technical data

General data	
Mounting type	Flush
Nominal sensing distance Sn	4 mm
Hysteresis	3 … 20 % of Sr
Output indicator	LED red
Electrical data	
Switching frequency	< 2 kHz
Voltage supply range +Vs	10 … 30 VDC
Current consumption max. (no load)	10 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	Rectangular
Material (sensing face)	PBT
Housing material	Brass nickel plated
Dimension	12 mm
Housing length	23,5 mm
Connection types	Connector M5
Ambient conditions	
Operating temperature	-25 … +75 °C
Protection class	IP 67

Remarks

- Extra flat housing
- Miniature connector M5 x 0,5

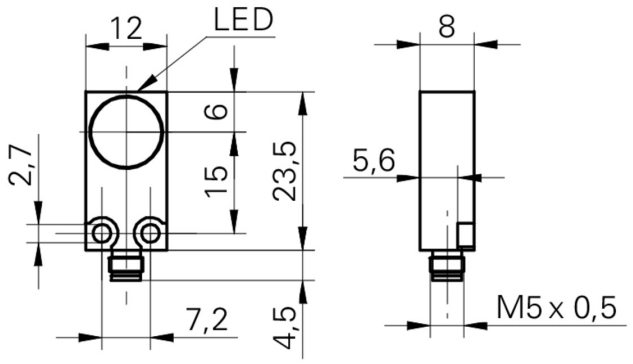
2021-04-28 The product features and technical data specified do not express or imply any warranty. Technical modifications subject to change.

IFFM 12N17A3/S05L

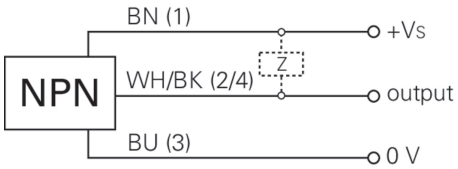
Inductive proximity switch

Article number: 10150242

Dimension drawing



Connection diagram



2021-04-28 The product features and technical data specified do not express or imply any warranty. Technical modifications subject to change.