

Overview

- 4 mm
- NPN break function (NC)
- connector M5
- -25 ... 75 °C
- IP 67



Picture similar



Technical data

General data

Mounting type	Flush
Nominal sensing distance S _n	4 mm
Hysteresis	3 ... 20 % of S _r
Output indicator	LED red

Electrical data

Switching frequency	2 kHz
Voltage supply range +V _s	10 ... 30 VDC
Current consumption max. (no load)	10 mA
Output circuit	NPN break function (NC)
Voltage drop V _d	< 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

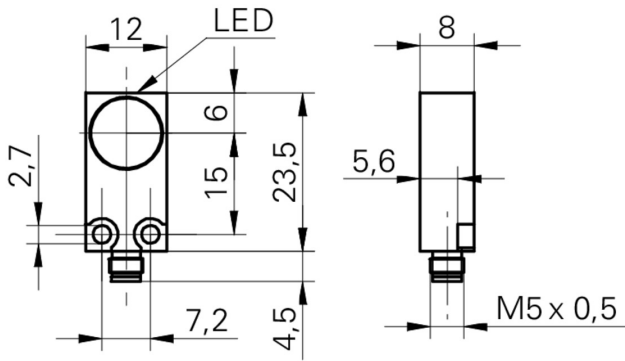
Operating temperature	-25 ... +75 °C
Protection class	IP 67

Remarks

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

IFFM 12N37A3/S05L

Dimension drawing



Connection diagram

