

IFRM 12N1501/S14L

Inductive proximity switch - standard

Article number: 10214922

Overview

- 2 mm
- NPN make function (NO)
- connector M12
- -25 ... 75 °C
- IP 67



Picture similar



Technical data

General data

Mounting type	Flush
Nominal sensing distance S _n	2 mm
Hysteresis	3 ... 20 % of S _r
Output indicator	3 port 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 make function (NO)
Voltage drop V _d	<2 VDC
Output current	200 mA

Electrical data

Short circuit protection	Yes
Reverse polarity protection	Yes

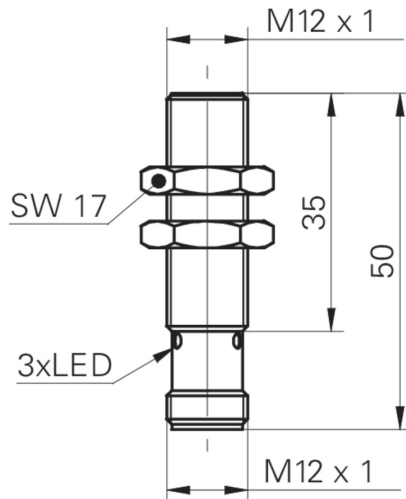
Mechanical data

Design	Cylindrical threaded
Material (sensing face)	PBT
Housing material	Brass nickel plated
Dimension	12 mm
Housing length	50 mm
Connection types	Connector M12
Tightening torque max.	15 Nm (Front: 10 Nm)

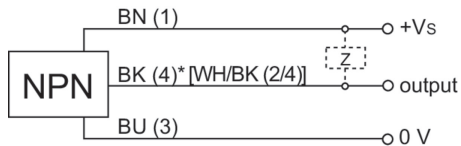
Ambient conditions

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

Dimension drawing



Connection diagram



Accessories

Mounting accessories

10151720	Sensofix series 12 round
11707685	Mounting rod with mounting plate holder 200 mm
11707686	Mounting rod with mounting plate holder 300 mm
11707688	Mounting rod 200 mm
11707697	Mounting rod 250 mm
11707698	Mounting rod with mounting plate holder 250 mm
11707687	Mounting rod 300 mm
11707701	Mounting plate series 300 and ø12 mm
11707702	Mounting base
11707703	Two-way connector