Baumer
Passion for Sensors

Inductive proximity switch

IFBR 06N13T1/S14L-9

Inductive proximity switch - hygiene

Article number: 11014578

Overview

- 3 mm
- NPN make function (NO)
- connector M12
- -40 … 80 °C
- IP 68/69K & proTect+



Picture similar

Technical data

General data	
Mounting type	Non-flush
Special type	Hygienic design
Nominal sensing distance Sn	3 mm
Hysteresis	2 … 15 % of Sr
Output indicator	LED red
Approvals/certificates	Ecolab EHEDG REGULATION (EC) 1935/2004 REGULATION (EC) 2023/2006 REGULATION (EU) 1282/2011 FDA 21 CFR § 175.300 FDA 21 CFR § 177.2600 FCN 742
Electrical data	
Switching frequency	< 3 kHz
Voltage supply range +Vs	6 … 30 VDC
Current consumption max. (no load)	10 mA

Electrical data	
Output circuit	NPN make function (NO)
Voltage drop Vd	< 2 VDC
Output current	< 200 mA
Output current (at cleaning temperature)	< 100 mA
Short circuit protection	Yes
Reverse polarity protection	Yes
Mechanical data	
Type	Cylindrical smooth
Material (sensing face)	LCP
Housing material	Stainless steel 1.4404 (V4A); LSR
Dimension	6,5 mm
Housing length	55 mm
Connection types	Connector M12
Ambient conditions	
Operating temperature	-40 … +80 °C
Cleaning temperature	80 … +100 °C (30 min/day)
Protection class	IP 68/69K & proTect+

Remarks

- Sensor compliant with various food regulations (see approvals)
- LSR = Liquid Silicon Rubber

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

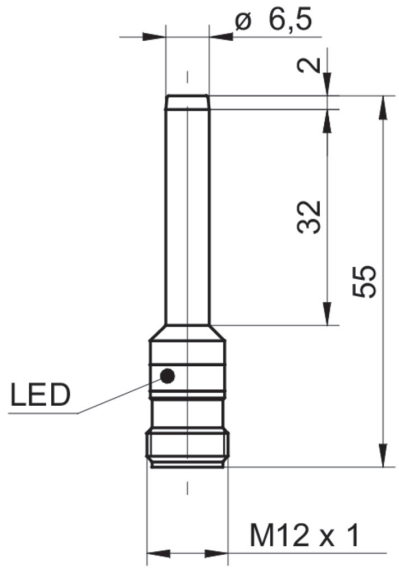
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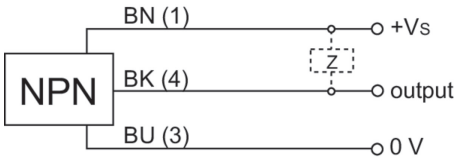
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Dimension drawing



Connection diagram



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