Baumer
Passion for Sensors

Inductive proximity switch

# IFBR 11N33T1/L-9

Inductive proximity switch - hygiene

Article number: 11014615

## Overview

- 6 mm
- NPN break function (NC)
- cable PVC, 2 m
- -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 | 6 mm |
| Hysteresis | 2 … 15 % of Sr |
| Output indicator | LED red |
| Approvals/certificates | Ecolab<br>EHEDG<br>REGULATION (EC) 1935/2004<br>REGULATION (EC) 2023/2006<br>REGULATION (EU) 1282/2011<br>FDA 21 CFR § 175.300<br>FDA 21 CFR § 177.2600<br>FCN 742 |
| **Electrical data** | |
| Switching frequency | < 1 kHz |
| Voltage supply range +Vs | 6 … 30 VDC |
| Current consumption max. (no load) | 10 mA |

| Electrical data | |
|---|---|
| Output circuit | NPN break function (NC) |
| 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 | 11 mm |
| Housing length | 54 mm |
| Connection types | Cable PVC, 2 m |
| **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.

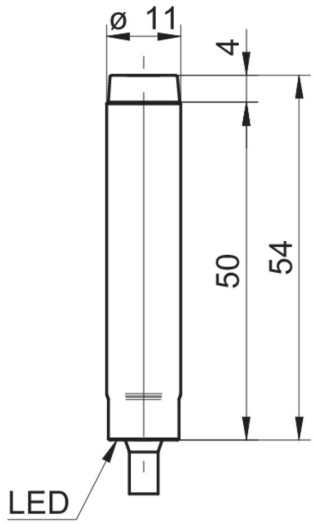
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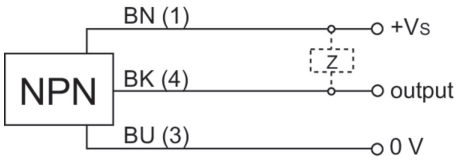
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## Dimension drawing




## Connection diagram




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