Baumer
Passion for Sensors

Inductive proximity switch

# IFRM 04N17A1/S35L

Inductive proximity switch - subminiature

Article number: 11082454

## Overview

- 1,6 mm
- NPN make function (NO)
- connector M8
- -25 … 75 °C
- IP 67




*Picture similar*

## Technical data

| General data | |
|---|---|
| Mounting type | Flush |
| Nominal sensing distance Sn | 1,6 mm |
| Hysteresis | 2 … 20 % of Sr |
| Output indicator | 3 port LED red |
| **Electrical data** | |
| Switching frequency | < 3 kHz |
| Voltage supply range +Vs | 6 … 30 VDC |
| Current consumption max. (no load) | 12 mA |
| Output circuit | NPN make function (NO) |
| Voltage drop Vd | < 2 VDC |
| Output current | < 100 mA |

| Electrical data | |
|---|---|
| Short circuit protection | Yes |
| Reverse polarity protection | Yes |
| **Mechanical data** | |
| Type | Cylindrical smooth |
| Material (sensing face) | LCP |
| Housing material | Stainless steel |
| Dimension | 4 mm |
| Housing length | 45 mm |
| Connection types | Connector M8 |
| **Ambient conditions** | |
| Operating temperature | -25 … +75 °C |
| Protection class | IP 67 |

## Remarks

- M8 x 1 quick disconnect
- 3 port LED

The product features and technical data specified do not express or imply any warranty. Technical modifications subject to change.
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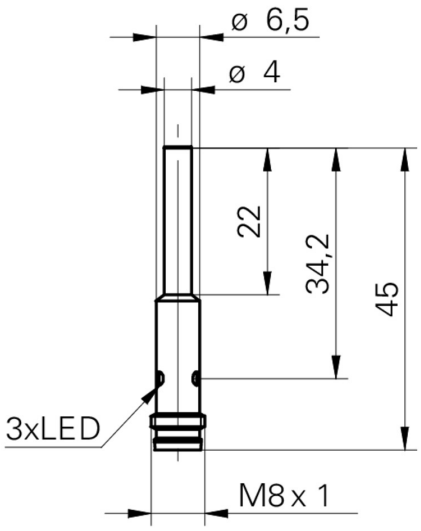
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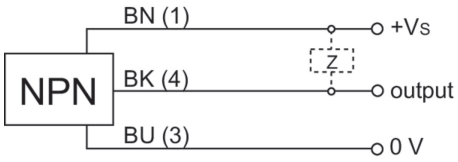
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## Dimension drawing




## Connection diagram




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