Baumer
Passion for Sensors

Inductive proximity switch

# IFFM 08P37A6/KS35L

Inductive proximity switch - subminiature

Article number: 10143587

## Overview

- 2 mm
- PNP break function (NC)
- flylead connector M8
- -25 … 75 °C
- IP 67



*Picture similar*

## Technical data

| General data | |
|---|---|
| Mounting type | Flush |
| Nominal sensing distance Sn | 2 mm |
| Hysteresis | 2 … 20 % of Sr |
| Output indicator | LED red |
| **Electrical data** | |
| Switching frequency | < 5 kHz |
| Voltage supply range +Vs | 6 … 30 VDC |
| Current consumption max. (no load) | 12 mA |
| Output circuit | PNP break function (NC) |
| Voltage drop Vd | < 2 VDC |
| Output current | < 100 mA |

| Electrical data | |
|---|---|
| Short circuit protection | Yes |
| Reverse polarity protection | Yes |
| **Mechanical data** | |
| Type | Rectangular |
| Material (sensing face) | PBT |
| Housing material | Die-cast zinc nickel plated |
| Dimension | 8 mm |
| Housing length | 16 mm |
| Connection types | Flylead connector M8 |
| Tightening torque max. | 0.8 Nm |
| **Ambient conditions** | |
| Operating temperature | -25 … +75 °C |
| Protection class | IP 67 |

## Remarks

- Extra flat housing
- Through bore for M3 screw
- Standard cable length 200 mm

2021-09-21 The product features and technical data specified do not express or imply any warranty. Technical modifications subject to change.

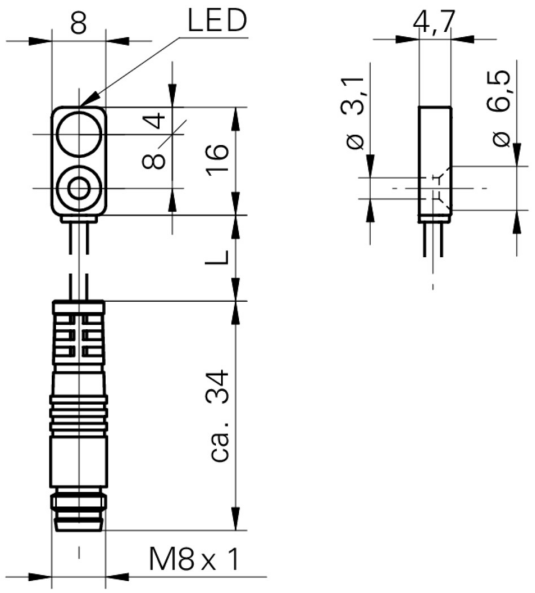
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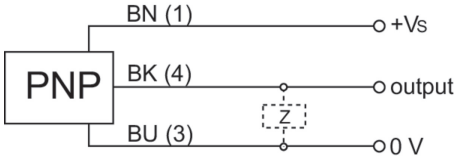
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## Dimension drawing




- Standard cable length 200 mm (L)

## Connection diagram




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