

## Overview

- 2 mm
- NPN make function (NO)
- flylead connector M8
- 25 ... 75 °C
- IP 67



*Picture similar*



## Technical data

### General data

|                                            |                              |
|--------------------------------------------|------------------------------|
| Mounting type                              | Flush                        |
| Nominal sensing distance<br>S <sub>n</sub> | 2 mm                         |
| Hysteresis                                 | 2 ... 20 % of S <sub>r</sub> |
| Output indicator                           | LED red                      |

### Electrical data

|                                       |                        |
|---------------------------------------|------------------------|
| Switching frequency                   | < 5 kHz                |
| Voltage supply range +V <sub>s</sub>  | 6 ... 30 VDC           |
| Current consumption max.<br>(no load) | 12 mA                  |
| Output circuit                        | NPN make function (NO) |
| Voltage drop V <sub>d</sub>           | < 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

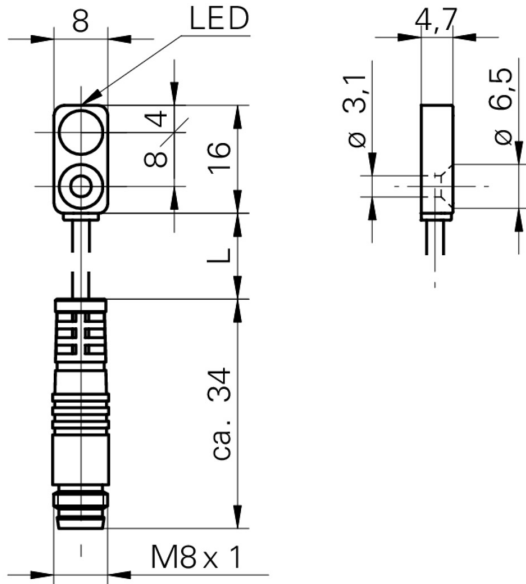
- Extra flat housing
- Through bore for M3 screw
- Standard cable length 200 mm

## IFFM 08N17A6/KS35L

Inductive proximity switch - subminiature

Article number: 10143588

### Dimension drawing



- Standard cable length 200 mm (L)

### Connection diagram

