

### Overview

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



Picture similar



### Technical data

#### General data

Mounting type	Flush
Nominal sensing distance S <sub>n</sub>	2 mm
Hysteresis	3 ... 20 % of S <sub>r</sub>
Output indicator	3 port LED red

#### Electrical data

Switching frequency	< 5 kHz
Voltage supply range +V <sub>s</sub>	6 ... 36 VDC
Current consumption max. (no load)	12 mA
Output circuit	NPN make function (NO)
Voltage drop V <sub>d</sub>	< 2 VDC
Output current	< 200 mA

#### Electrical data

Short circuit protection	Yes
Reverse polarity protection	Yes

#### Mechanical data

Type	Cylindrical smooth
Material (sensing face)	PBT
Housing material	Stainless steel
Dimension	6,5 mm
Housing length	56 mm
Connection types	Connector M8

#### Ambient conditions

Operating temperature	-25 ... +75 °C
Protection class	IP 67

### Remarks

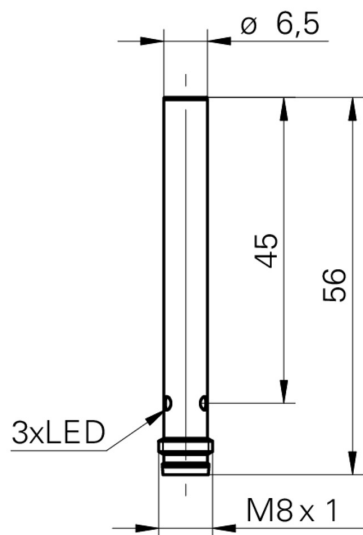
- Long robust steel housings

## IFRM 06N17A4/S35L

Inductive proximity switch - miniature

Article number: 10160252

### Dimension drawing



### Connection diagram

