

**Overview**

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



Picture similar



**Technical data**

General data		Electrical data	
Mounting type	Flush	Short circuit protection	Yes
Nominal sensing distance S <sub>n</sub>	2 mm	Reverse polarity protection	Yes
Hysteresis	3 ... 20 % of S <sub>r</sub>	Mechanical data	
Output indicator	3 port LED red	Type	Cylindrical smooth
Electrical data		Material (sensing face)	PBT
Switching frequency	< 5 kHz	Housing material	Stainless steel
Voltage supply range +V <sub>s</sub>	6 ... 36 VDC	Dimension	6,5 mm
Current consumption max. (no load)	12 mA	Housing length	46 mm
Output circuit	PNP make function (NO)	Connection types	Connector M8
Voltage drop V <sub>d</sub>	< 2 VDC	Ambient conditions	
Output current	< 200 mA	Operating temperature	-25 ... +75 °C
		Protection class	IP 67

**Remarks**

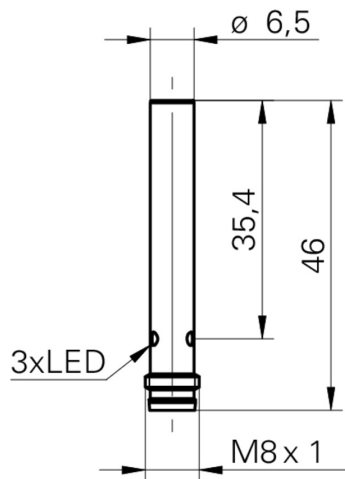
- Robust steel housings
- High switching frequency

# IFRM 06P17A1/S35L

Inductive proximity switch - miniature

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## Dimension drawing



## Connection diagram

