

## Overview

- 1 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 S <sub>n</sub>	1 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. (no load)	12 mA
Output circuit	NPN make function (NO)
Voltage drop V <sub>d</sub>	< 2 VDC
Output current	< 200 mA
Short circuit protection	Yes
Reverse polarity protection	Yes

### Mechanical data

Type	Cylindrical smooth
Material (sensing face)	LCP
Housing material	Stainless steel
Dimension	4 mm

### Mechanical data

Housing length	25 mm
Connection types	Flylead connector M8

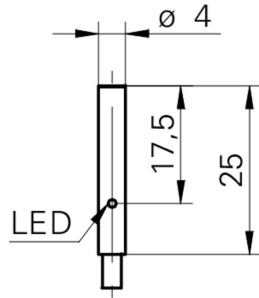
### Ambient conditions

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

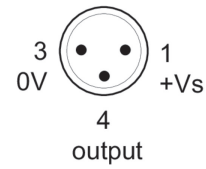
### Cable

Head A: Connection	M8
Head A: Gender	Male
Head A: Angle cable outlet	0°
Head A: Coding	A
Head A: No. of poles	3
Head A: Degree of protection	IP65, IP66K, IP67
Cable length	200 mm
Length tolerance	+ 10 % - 0 %
Shielded	No
External sheath: Material	PUR
Cable diameter	2.8 mm
AWG	28
Wire cross section	0.09 mm <sup>2</sup>

### Dimension drawing



### Pin assignment



- Standard cable length 200 mm (L)

### Dimensions connector



### Connection diagram

