

**Overview**

- 1,5 mm
- NAMUR
- cable PUR 5 x 0,14, 2 m
- -25 ... 75 °C
- IP 67



*Picture similar*



**Technical data**

**General data**

Mounting type	Flush
Nominal sensing distance Sn	1,5 mm
Approvals/certificates	ATEX 1G

**Electrical data**

Switching frequency	< 5 kHz
Normal operating voltage	8,2 VDC
Voltage supply range +Vs	5 ... 30 VDC
Current consumption un- damped	> 4 mA
Current consumption damped	< 1 mA
Current consumption max. (no load)	10 mA
Output circuit	NAMUR
Residual ripple	< 10 % Vs

**Mechanical data**

Type	Cylindrical smooth
Housing material	Brass nickel plated

**Mechanical data**

Dimension	6,5 mm
Housing length	25 mm
Connection types	Cable PUR 5 x 0,14, 2 m

**Safe maximum values**

EC-type-examination Certi- ficate	PTB 03 ATEX 2146
Marking	II 1G Ex ia IIC T6 Ga
Current Ii	< 37 mA
Voltage Ui	< 13,5 VDC
Power Pi	< 0,125 W
Internal capacitance Ci	< 50 nF
Internal inductance Li	< 0,2 mH
Operating temperature Ta (temp. class T5)	-20 ... +60 °C
Operating temperature Ta (temp. class T6)	-20 ... +40 °C

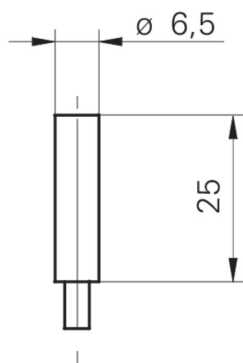
**Ambient conditions**

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

**Remarks**

- Mounting bracket 10109474
- Safety: Sensor cables leading into category 1 hazardous areas must be installed according to the guidelines as specified in EN 60079-26 (IP 67)
- Within category 1 hazardous areas sensor and cable must be securely mounted
- The metal housing has to be conductively connected to the potential equalization system

**Dimension drawing**



**Connection diagram**

