

**Overview**

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



*Picture similar*



**Technical data**

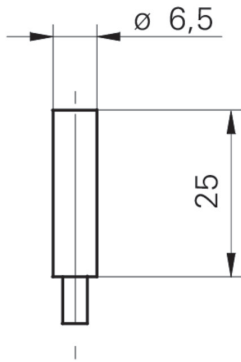
General data		Mechanical data	
Mounting type	Flush	Dimension	6.5 mm
Nominal sensing distance Sn	1.5 mm	Housing length	25 mm
Approvals/certificates	ATEX 1G	Connection types	Cable PUR 5 x 0,14, 2 m
Electrical data		Safe maximum values	
Switching frequency	5 kHz	EC-type-examination Certificate	SEV 21 ATEX 0551 X IECEX SEV 21.0019X
Normal operating voltage	8.2 VDC	Marking	II 1G Ex ia IIC T6...T5 Ga
Voltage supply range +Vs	5 ... 30 VDC	Current Ii	< 37 mA
Current consumption undamped	> 4 mA	Voltage Ui	< 13.5 VDC
Current consumption damped	< 1 mA	Power Pi	< 0.125 W
Current consumption max. (no load)	10 mA	Internal capacitance Ci	< 50 nF
Output circuit	NAMUR	Internal inductance Li	< 0.2 mH
Residual ripple	< 10 % Vs	Operating temperature Ta (temp. class T5)	-20 ... +60 °C
Mechanical data		Operating temperature Ta (temp. class T6)	-20 ... +40 °C
Type	Cylindrical smooth	Ambient conditions	
Housing material	Brass nickel plated	Operating temperature	-25 ... +75 °C
		Protection class	IP 67

2022-08-24 The product features and technical data specified do not express or imply any warranty. Technical modifications subject to change.

**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**

