

**Overview**

- 2 mm
- NAMUR
- cable, 2 m
- -25 ... 75 °C
- IP 67



Picture similar



**Technical data**

**General data**

Mounting type	Non-flush
Nominal sensing distance S <sub>n</sub>	2 mm
Approvals/certificates	ATEX 1G

**Electrical data**

Switching frequency	< 5 kHz
Normal operating voltage	8,2 VDC
Voltage supply range +V <sub>s</sub>	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 % V <sub>s</sub>

**Mechanical data**

Type	Cylindrical threaded
Housing material	Brass nickel plated

**Mechanical data**

Dimension	8 mm
Housing length	27 mm
Connection types	Cable, 2 m

**Safe maximum values**

EC-type-examination Certi- ficate	PTB 03 ATEX 2146
Marking	II 1G Ex ia IIC T6 Ga
Current I <sub>i</sub>	< 37 mA
Voltage U <sub>i</sub>	< 13,5 VDC
Power P <sub>i</sub>	< 0,125 W
Internal capacitance C <sub>i</sub>	< 50 nF
Internal inductance L <sub>i</sub>	< 0,2 mH
Operating temperature T <sub>a</sub> (temp. class T5)	-20 ... +60 °C
Operating temperature T <sub>a</sub> (temp. class T6)	-20 ... +40 °C

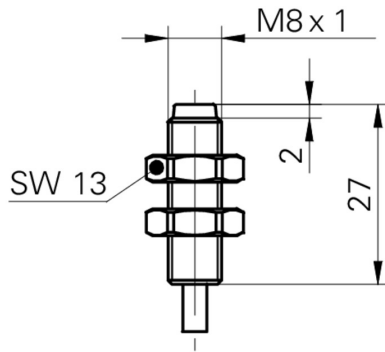
**Ambient conditions**

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

**Remarks**

- Connector base version /S35

**Dimension drawing**



**Connection diagram**

