

Overview

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



Picture similar



Technical data

General data

Mounting type	Flush
Nominal sensing distance S _n	5 mm
Approvals/certificates	ATEX 1G

Electrical data

Switching frequency	< 1 kHz
Normal operating voltage	8,2 VDC
Voltage supply range +V _s	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 _s

Mechanical data

Type	Cylindrical threaded
Housing material	Brass nickel plated

Mechanical data

Dimension	18 mm
Housing length	30 mm
Connection types	Cable, 2 m

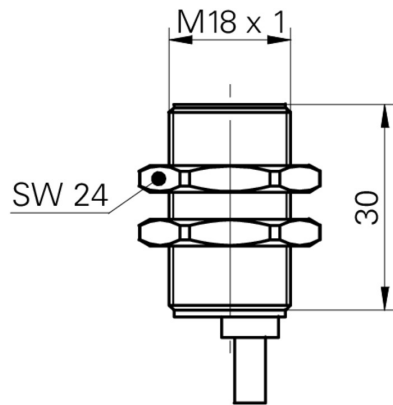
Safe maximum values

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

Ambient conditions

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

Dimension drawing



Connection diagram

