

Overview

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



Picture similar



Technical data

General data

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

Electrical data

Switching frequency	1 kHz
Normal operating voltage	8.2 VDC
Voltage supply range +Vs	5 ... 30 VDC
Current consumption undamped	> 4 mA
Current consumption damped	< 1 mA
Current consumption max. (no load)	10 mA
Output circuit	NAMUR
Residual ripple	< 10 % Vs

Mechanical data

Design	Cylindrical threaded
Material (sensing face)	PBT
Housing material	Brass nickel plated

Mechanical data

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

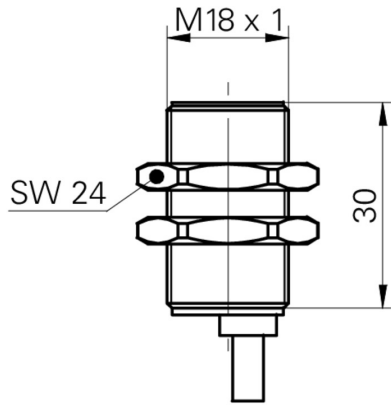
Safe maximum values

EC-type-examination Certificate	SEV 21 ATEX 0551 X IECEX SEV 21.0019X
Marking	II 1G Ex ia IIC T6...T5 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

Dimension drawing



Connection diagram

