

## IFRM 12N1707

Inductive sensors special versions - high temperature

Article number: 10230318

### Overview

- 4 mm
- NPN make function (NO)
- cable FEP, 1 m
- -25 ... 100 °C
- IP 67



Picture similar



### Technical data

#### General data

Mounting type	Flush
Special type	High temperature
Nominal sensing distance S <sub>n</sub>	4 mm
Hysteresis	3 ... 20 % of S <sub>r</sub>

#### Electrical data

Switching frequency	2 kHz
Voltage supply range +V <sub>s</sub>	6 ... 30 VDC
Current consumption max. (no load)	12 mA
Output circuit	NPN make function (NO)
Voltage drop V <sub>d</sub>	<3 VDC
Output current	100 mA

#### Electrical data

Short circuit protection	Yes
Reverse polarity protection	Yes

#### Mechanical data

Design	Cylindrical threaded
Material (sensing face)	PBT
Housing material	Brass nickel plated
Dimension	12 mm
Housing length	40 mm
Connection types	Cable FEP, 1 m

#### Ambient conditions

Operating temperature	-25 ... +100 °C
Protection class	IP 67

### Remarks

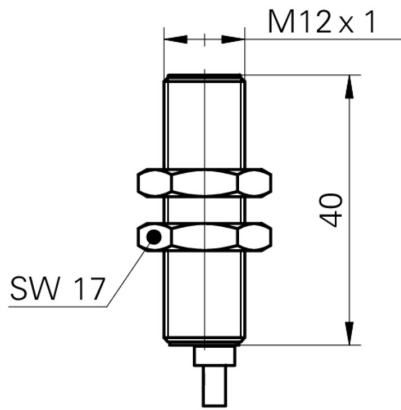
- With integral electronics of up to +100 °C

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## Dimension drawing



## Connection diagram

