

## IFRM 06N1707

Inductive sensors special versions - high temperature

Article number: 10230295

### Overview

- 2 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>	2 mm
Temperature drift	± 10 % (-25 ... +75 °C) - 10 % / + 15 % (-25 ... +100 °C)
Hysteresis	3 ... 20 % of S <sub>r</sub>

#### Electrical data

Switching frequency	< 5 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>	< 2 VDC

#### Electrical data

Output current	< 100 mA
Short circuit protection	Yes
Reverse polarity protection	Yes

#### Mechanical data

Type	Cylindrical smooth
Material (sensing face)	PBT
Housing material	Stainless steel
Dimension	6,5 mm
Housing length	30 mm
Connection types	Cable FEP, 1 m

#### Ambient conditions

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

### Remarks

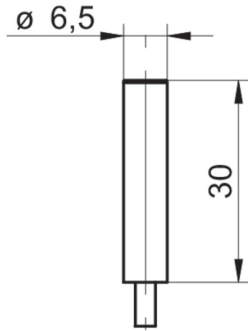
- With integral electronics of up to +100 °C

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### Dimension drawing



### Connection diagram

