

## IFRH 12P1501/L

Inductive sensors special versions - high temperature

Article number: 10139768

### Overview

- 2 mm
- PNP make function (NO)
- cable, 2 m
- -25 ... 180 °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
Hysteresis	2 ... 20 % of S <sub>r</sub>

#### Inline amplifier

Operating temperature	-25 ... +75 °C
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#### 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	PNP make function (NO)
Voltage drop V <sub>d</sub>	<2 VDC

#### Electrical data

Output current	200 mA
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	30 mm
Connection types	Cable, L=2 m

#### Ambient conditions

Operating temperature	-25 ... +180 °C
Protection class	IP 67

### Remarks

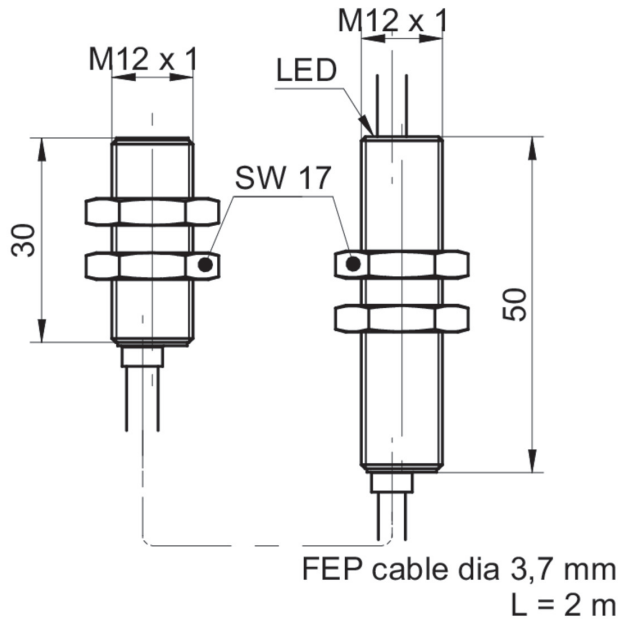
- Inline amplifier
- Cable link sensor head/in-line amplifier FEP coated
- Sensor connecting cable PVC, 2m long

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### Dimension drawing



### Connection diagram

