

## IFRM 05N17A3/PL

Inductive proximity switch - subminiature

Article number: 11082464

### Overview

- 1,6 mm
- NPN make function (NO)
- cable, 2 m
- -25 ... 75 °C
- IP 67



*Picture similar*



### Technical data

#### General data

Mounting type	Flush
Nominal sensing distance S <sub>n</sub>	1.6 mm
Hysteresis	2 ... 20 % of S <sub>r</sub>
Output indicator	LED red

#### Electrical data

Switching frequency	3 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
Output current	< 100 mA

#### Electrical data

Short circuit protection	Yes
Reverse polarity protection	Yes

#### Mechanical data

Type	Cylindrical threaded
Material (sensing face)	LCP
Housing material	Stainless steel
Dimension	5 mm
Housing length	20 mm
Connection types	Cable, L=2 m
Tightening torque max.	2 Nm (Front: 1,4 Nm)

#### Ambient conditions

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

### Remarks

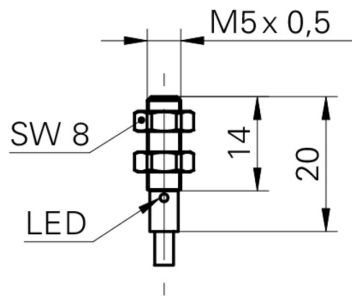
- PUR cable

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## Dimension drawing



## Connection diagram

