

### Overview

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



*Picture similar*



### Technical data

#### General data

Mounting type	Flush
Special type	Factor 1
Nominal sensing distance S <sub>n</sub>	6 mm
Hysteresis	3 ... 20 % of S <sub>r</sub>
Output indicator	LED red

#### Electrical data

Switching frequency	< 500 Hz
Voltage supply range +V <sub>s</sub>	5 ... 36 VDC
Current consumption max. (no load)	12 mA
Output circuit	NPN make function (NO)
Voltage drop V <sub>d</sub>	< 2 VDC
Output current	< 200 mA

#### Electrical data

Short circuit protection	Yes
Reverse polarity protection	Yes

#### Mechanical data

Type	Cylindrical threaded
Material (sensing face)	PBT
Housing material	Brass nickel plated
Dimension	18 mm
Housing length	50 mm
Connection types	Cable, 2 m
Tightening torque max.	40 Nm

#### Ambient conditions

Operating temperature	-25 ... +75 °C
Storage temperature	-40 ... +85 °C
Protection class	IP 67

### Remarks

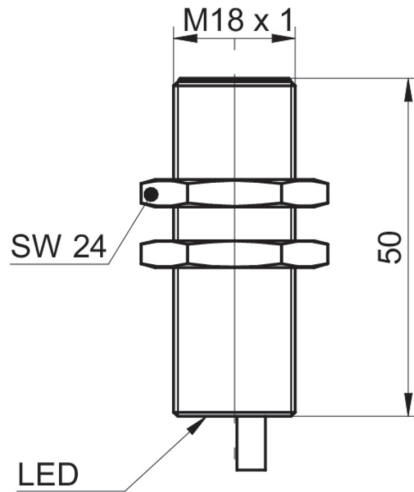
- Not for flush mounting in metals
- Same sensing distance on all metals (no reduction factor)

## IR18.P06F-F50.NO1Z.7BCV

Inductive proximity switch - factor 1 - all metals

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### Dimension drawing



### Connection diagram

