

## IFRM 18N17A5/S14L

Inductive proximity switch - standard

Article number: 11078675

### Overview

- 8 mm
- NPN make function (NO)
- connector M12
- 25 ... 75 °C
- IP 67



*Picture similar*



### Technical data

#### General data

Mounting type	Quasi-flush
Nominal sensing distance S <sub>n</sub>	8 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>	6 ... 36 VDC
Current consumption max. (no load)	10 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	45 mm
Connection types	Connector M12
Tightening torque max.	40 Nm

#### Ambient conditions

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

### Remarks

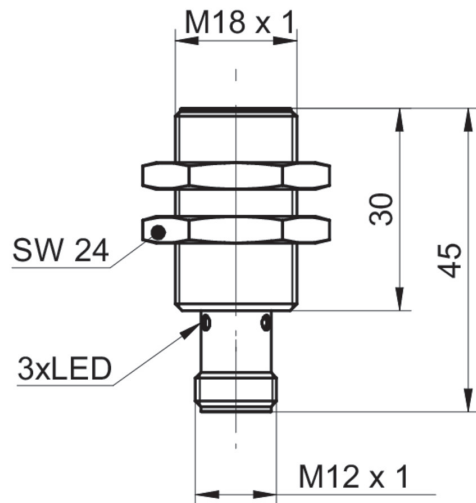
- Not for flush mounting in mild steel

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### Dimension drawing



### Connection diagram

