



## PBT Surface Inductive Sensors Non Flush Installed PNP NO Sensing Distance 4Mm

Our Product Introduction

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### Basic Information

- Place of Origin: Guangdong, China
- Brand Name: KRONZ
- Certification: CE
- Model Number: IN4-M12PO68-M0A/B
- Minimum Order Quantity: 10 pieces
- Price: Negotiable
- Packaging Details: Polybag packing
- Delivery Time: 5-8 working days
- Payment Terms: T/T, Western Union, MoneyGram
- Supply Ability: 100000 pieces per month



### Product Specification

- Installation Type: Non-flush
- Connection Type: M12 Connector
- Housing Material: Brass,nickel-plated
- Max Load Current: 200mA
- Ambient Temperature: -25°C ~+70°C
- Enclosure Rating: IP67
- Overload Trip Point: 220mA
- Response Time: 0.2ms
- Highlight: **PBT Surface Inductive Sensors,  
PNP NO Inductive Sensors,  
4Mm Sensing Distance Inductive Sensors**



## Product Description

### Inductive Sensors Installation Non-flush PNP NO Sensing Distance 4 mm PBT Surface

#### Product Description

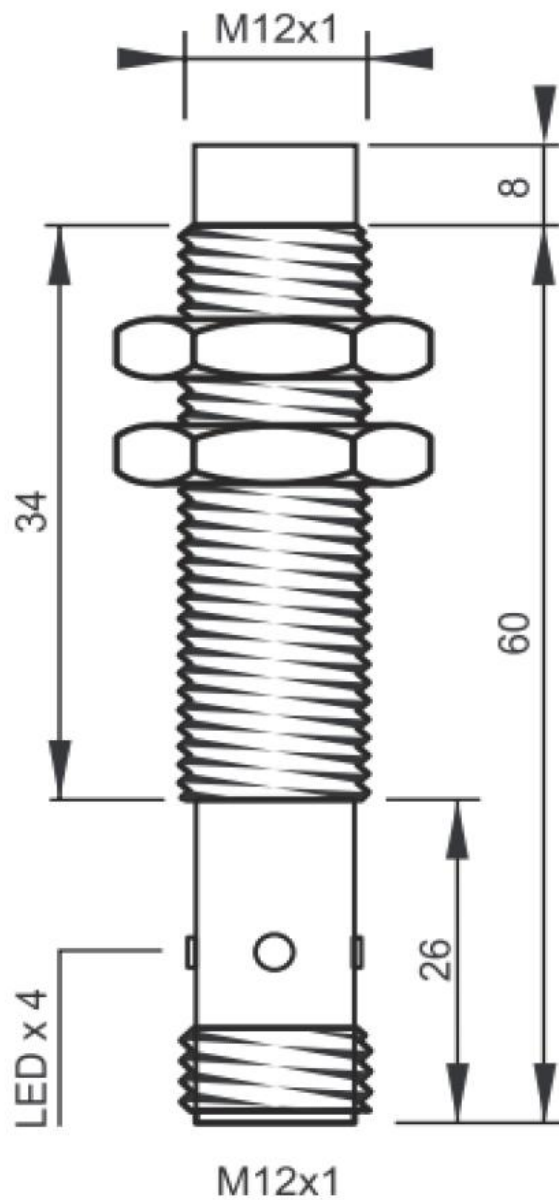
Inductive sensors contribute significantly to quality control. They can precisely detect the presence and alignment of metal parts during production, reducing errors and improving product quality. Inductive sensors are also indispensable in industrial automation. They enable proximity detection in machinery, preventing accidents and minimizing damage. For example, in conveyor systems, they ensure that objects are properly positioned and avoid jams.

- Installation type: Non-flush
- Sensing range Sn: 4mm
- Output function: PNP,NO
- Supply voltage: 10-30VDC
- Connection type: M12 connector
- Housing material: Brass,nickel-plated

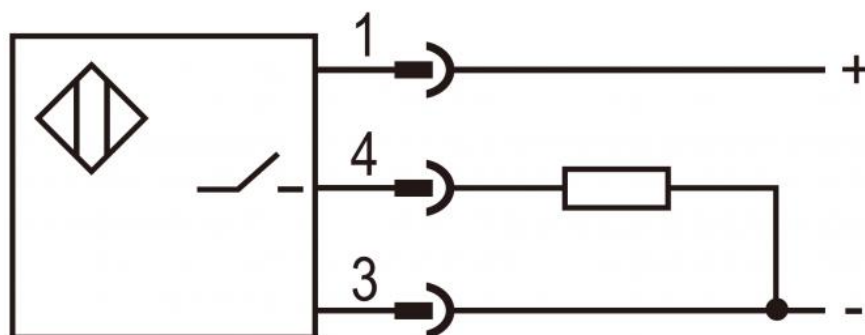
#### Technical Data

Installation type	Non-flush
Sensing range(Sn)	4mm
LED Display	Yes
Ripple	10%
No load current	15mA
Max load current	200mA
Leakage current	0.01mA
Voltage drop	1.5V
Switching frequency	1KHz
Response time	0.2ms
Switching hysteresis	≤15%sr
Repeatability	1.0%sr
Enclosure rating	IP67
Temperature drift	10%sr
Reverse-polarity protection	Yes
Short-circuit protection	Yes
Overload trip point	220mA
Material sensing surface	PBT
Connection type	M12 connector

#### Dimensional Drawing



Wiring Diagram



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