



## NPN NC M12 Inductive Sensor With Quasi Flush Installation 10-30VDC

### Our Product Introduction

#### Basic Information

- Place of Origin: Guangdong, China
- Brand Name: KRONZ
- Certification: CE
- Model Number: IS2-M12NC51-M0A/S
- 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: Quasi-flush
- Detection Distance: 2mm
- Output Function: NPN NC
- Leakage Current: <0.8mA
- Max.Load Current: 200mA
- Insulation Resistance: >50MΩ
- Detected Object: Magnetic Metal
- Withstand Voltage: AC1000V
- Highlight: **NC M12 Inductive Sensor,  
NPN M12 Inductive Sensor,  
M12 Inductive Sensor 30VDC**



## Product Description

### Inductive Sensors with M12 Connector Quasi-flush Installation 10-30VDC NPN NC

#### Product Description

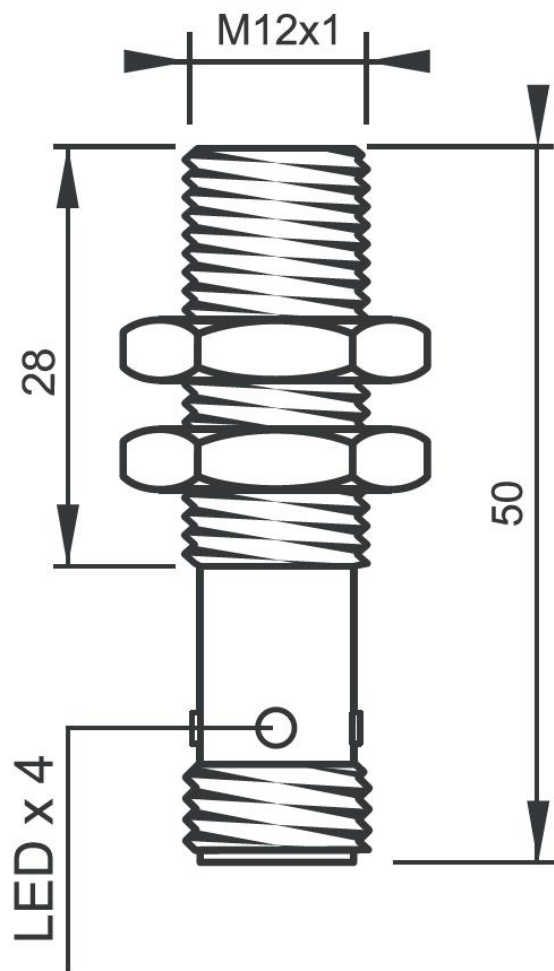
Inductive sensors contribute significantly to quality control. They can precisely detect the presence and alignment of metal parts during production, reducing errors and improving product quality. Inductive sensors are also indispensable in industrial automation. They enable proximity detection in machinery,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

- Installation type: Quasi-flush
- Sensing range Sn: 2mm
- Output function: NPN,NC
- Supply voltage: 10-30VDC
- Connection type: M12 connector
- Housing material: Brass,nickel-plated

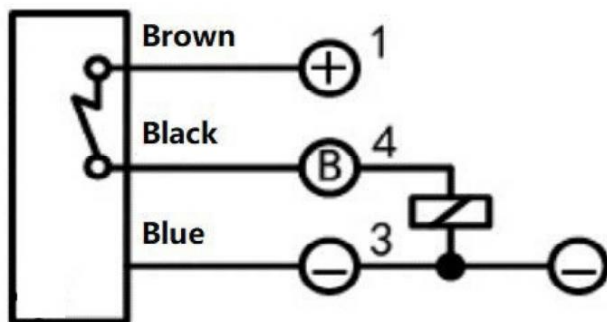
#### Technical Data

Installation Type	Quasi-flush
Sensing Range(Sn)	2mm
Detected Object	Magnetic metal
Standard Detection Object(iron)	12x12x1mm
Set Distance	0-1.6mm
Tolerance Distance	Detection distance below 10%
Response Frequency	800Hz
Working Voltage	10-30VDC
Max. load Current	200mA
Voltage Drop	<1V
LED Display	Red
Protection circuit	Surge protection circuit,short circuit protection,polarity reversal protection
Ambient temperature	During operation:-25 to+70°C(no freezing,no condensing)
Ambient humidity	During operation and shorage: 35-95%RH(no condensing)
Effect of temperature	Temperature range-25 to 70°C,with a detection distance within ±10% for every 20°C change
Effect of voltage	When the rated power supply voltage fluctuates within ±15%,the detection distance changes within ±1%
Insulation resistance	50MΩ
Withstand voltage	AC1000V
Vibration resistance	10 to 55 Hz, up and down amplitude 1.5 mm in the X, Y, and Z directions for each 2 hours.
Impact resistance	500m/S <sup>2</sup> , 10 times in each direction of X, Y and Z
Connection type	M12 Connector
Sensing surface material	PBT
Protection grade	IP67

#### Dimensional Drawing



Wiring Diagram



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