



NPN NC M12 Inductive Proximity Sensor IP67 10-30VDC Quasi Flush Installed

Our Product Introduction

Basic Information

- Place of Origin: Guangdong, China
- Brand Name: KRONZ
- Certification: CE
- Model Number: IS2-M12NO51-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

- Detection Distance: 2mm
- Detected Object: Magnetic Metal
- Output Function: NPN NO
- Response Frequency: 800Hz
- Ambient Temperature: -25 To+70°C
- Insulation Resistance: >50MΩ
- Connection Type: M12 Connector
- Protection Grade: IP67
- Highlight: **M12 Inductive Proximity Sensor IP67, m12 Inductive Proximity Sensor NPN, Quasi Flush Inductive Proximity Sensor**



Product Description

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

Product Description

The M12 inductive sensor is commonly used in automation and industrial control systems to detect the presence or position of metal objects. It features a quasi-flush mounting style, allowing the sensor to be flush with the installation surface, making it suitable for applications with limited space or where a smooth, flat appearance is required. The NPN normally open type is one of the common output configurations, where the output signal switches to a low level when a metal object is detected, enabling control and alarm functions.

- Installation type: Quasi-flush
- Sensing range Sn: 2mm
- Output function: NPN,NO
- Supply voltage: 10-30VDC
- Connection type: M12 connector
- Housing material: Brass,nickel-plated

KRONZ



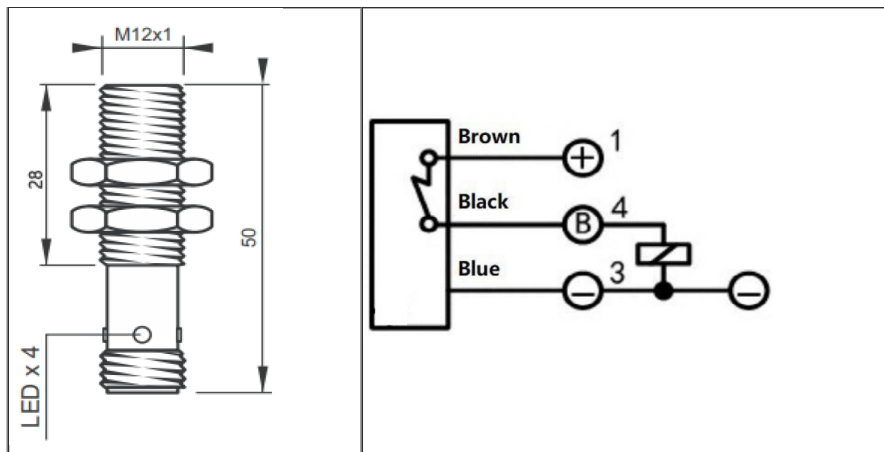


Technical Data

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 ² , 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



Company Profile

ABOUT US

KRONZ is a manufacturing enterprise located in Zengcheng District, Guangzhou City. We focus on providing customers with high-efficiency industrial automation solutions and related industrial products. After many years of innovation and development, KRONZ has complete product processing equipment and a professional team who are proficient in various automation technologies.

In order to improve the quality of products and production efficiency, we continue to introduce advanced production equipment and technology, strengthen investment in research and development. At present, our main products include Industrial Connectors, Inductive Sensors, Capacitive Sensors, Photoelectric Sensors, Ultrasonic Sensors, Industrial power supplies, Industrial fieldbus, RFID recognition systems, Industrial Ethernet Switches

We not only produce the orders of standard products, but also have ability to make customize production based on customer design drawings or samples.

Adhering to the principle of mutual benefit, we provide our customers with competitive prices, and perfect after-sales service. Kronz's products have been sold in multiple countries, have won the trust and praise of customers. KRONZ expect to collaborate with you.

OUR FACTORY



Certifications



Logistics and Payment



1. Samples and small orders can be shipped with fast shipment method, by air and by express. Bulk order will ship by sea, by air, by train, by truck etc.
2. We also can send the goods to your agent warehouse.
3. If you need any more shipping method, please feel free to contact with us.



Note:

Due to the wide range of our products, we cannot list all product pictures and corresponding product parameters. If you have other needs, please communicate with me. We can provide supplementary information and technical support. We Are Happy to Serve You.



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