



## M30 Ultrasonic Sensor Red LED Lights Up Green LED Flashing 60-1000mm Sensing Range

### Our Product Introduction

For more products please visit us on [connector-industrial.com](http://connector-industrial.com)

#### Basic Information

- Place of Origin: Guangdong, China
- Brand Name: KRONZ
- Certification: CE
- Model Number: U18-D1000UIT-R00A
- Minimum Order Quantity: 1
- 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

KRONZ



#### Product Specification

- Output Type N2I: 1 Analog Voltage Output 0-10V +1 Analog Current Output 4-20mA, Up/down
- Overcurrent Protection: 200mA, Red LED And Green LED Flashing At The Same Time
- Initialization Time: 500ms
- Repeatability:  $\pm 0.15\%$  F.S.
- Red LED: No Object Detected: Lights Up, Teaching-in When No Object Detected: Flashes
- Accuracy:  $\pm 1\%$  (built-in Temperature Drift Compensation)
- Enclosure Rating: IP67
- Load Impedance:  $I < 300 \text{ Ohm}$ ,  $U > 1 \text{ K Ohm}$
- Highlight: 1000mm Ultrasonic Sensor, M30 Ultrasonic Sensor,

KRONZ



#### More Images

KRONZ



## Product Description

### Product Description:

The Industrial Ultrasonic Sensors product is a highly advanced and reliable sensor with LED display, designed to provide accurate and precise measurements in industrial settings. With a resolution of 0.17mm, this sensor offers high precision in detecting distances and objects within a range of 60-1000mm.

Operating within a wide ambient temperature range of -25 to +70 (248~343K), the Industrial Ultrasonic Sensor is built to withstand extreme conditions, ensuring consistent performance in various industrial environments.

Constructed with durable materials, including Copper Nickel-plated, plastic fittings, and glass epoxy resin, this sensor is designed for longevity and reliability. The robust build quality ensures that the sensor can endure harsh conditions and deliver accurate results consistently.

The Industrial Ultrasonic Sensor features an innovative output type UI, which includes 1 Analog Voltage Output ranging from 0-10V and 1 Analog Current Output from 4-20mA. This dual output capability provides flexibility in connecting the sensor to different types of industrial systems, allowing seamless integration and compatibility.

Equipped with overcurrent protection set at 200mA, the sensor ensures safety and prevents damage due to excessive current flow. In the event of overcurrent, the sensor's Red LED and Green LED will flash simultaneously, alerting users to the issue and prompting necessary action to be taken.

In summary, the Industrial Ultrasonic Sensor is a cutting-edge solution for industrial applications, offering high precision, durability, and versatility. With its LED display, wide sensing range, and dual Analog Current Output capability, this sensor is ideal for various industrial automation and control systems, providing reliable and accurate distance measurements in challenging environments.

### Features:

Product Name: Industrial Ultrasonic Sensors

Blind Zone: 0-60mm

Material: Copper Nickel-plated, plastic Fittings, glass Epoxy Resin

Output Type UI: 1 Analog Voltage Output 0-10V +1 Analog Current Output 4-20mA, Up/down

Green LED: Object Detected - Lights Up, Teaching-in When Object Detected - Flashes

Overcurrent protection: 200mA, Red LED And Green LED Flashing At The Same Time

# KRONZ



### Technical Parameters:

Accuracy	±1% (built-in Temperature Drift Compensation)
Connection Type	5pin, M12 Connector
Output Type UI	1 Analog Voltage Output 0-10V +1 Analog Current Output 4-20mA, Up/down
Enclosure Rating	IP67
Supply voltage	10-30V DC,reverse-polarity Protection
Repeatability	±0.15%F.S.
Weight	38g

## Applications:

KRONZ Industrial Ultrasonic Sensors are versatile and reliable devices suitable for a wide range of applications in various industries. With an IP67 enclosure rating, these sensors are designed to withstand harsh industrial environments, making them ideal for use in challenging conditions.

The 0-10V Ultrasonic Sensor model provides accurate distance measurement capabilities ranging from 60mm to 1000mm, offering precise and consistent results for different proximity detection needs. Whether it's detecting objects in manufacturing processes, monitoring liquid levels in tanks, or ensuring proper spacing in automated systems, these sensors deliver high performance.

Originating from Guangdong, China, KRONZ Ultrasonic Sensors come with CE certification, ensuring compliance with international quality standards. The minimum order quantity is 1, and the price is negotiable, making them accessible for both small-scale and large-scale industrial applications.

With polybag packing and a delivery time of 5-8 working days, customers can expect their orders to be handled efficiently and promptly. Payment terms include T/T, Western Union, and MoneyGram, providing flexibility for transaction processes.

These sensors offer a supply ability of 100,000 pieces per month, ensuring consistent availability for bulk orders or regular procurement needs. The dual output type UI features 1 Analog Voltage Output 0-10V and 1 Analog Current Output 4-20mA, allowing for versatile integration into different control systems.

Operating within a wide temperature range, from -25 to +70 for ambient temperature and -40 to +85 for storage temperature, these sensors exhibit reliability and stability in varying environmental conditions. With a response time of 52ms, they provide real-time data for efficient decision-making and control.

## 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.



**KRONZ** Kronz (guangzhou) Electronics Co., Ltd.

+8618924160375    sales02@kronz.cn    connector-industrial.com

6th Floor, B602 Building, No.10, Rong Jing 2nd Road, Yu Shan Guo Ji, Yong Ning Street, Zeng Cheng District, Guangzhou, P.R.China

