Industrial Ultrasonic Sensors Up / Down Output Type 38g Load Impedance I/ 300 Ohm

Basic Information

- Place of Origin: Guangdong, China
- Brand Name: KRONZ
- Certification: CE
- Model Number: U18-D1000UT-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

Product Specification

- Detection Range: 60-1000mm
- Green LED: Object Detected:Lights Up, Teaching-in When Object Detected:Flashes
- Output Type R4: 1 Analog Voltage Output 0-10V, Up/down
- Material: Copper Nikel-plated,plastic Fittings,glass Epoxy Resin.
- Accuracy: ±1%(built-in Temperature Drift Compensation)
- Weight: 38g
- Repeatability: ±0.15%F.S.
- Highlight: **Industrial Ultrasonic Sensors 38g Load Impedance**
  , **Industrial Ultrasonic Sensors 300 Ohm**,
  Industrial Ultrasonic Sensors 38g

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Product Description:

The Industrial Ultrasonic Sensors feature a unique dual LED indicator system for easy status monitoring. When an object is detected within the sensing range, the green LED lights up, providing a clear visual confirmation. Additionally, during the teaching-in process, the green LED flashes to indicate successful detection setup. On the other hand, when no object is detected, the red LED illuminates, alerting operators to the absence of objects. The red LED also flashes during the teaching-in process for no object detection.

With an impressive initialization time of less than 500ms, these sensors offer rapid response and quick detection capabilities, ensuring efficient operation and minimal downtime. The fast response time enhances productivity and enables real-time monitoring of objects in the detection zone.

Equipped with a blind zone ranging from 0-60mm, the Industrial Ultrasonic Sensors deliver precise and reliable detection performance, even in close proximity to objects. The wide blind zone ensures comprehensive coverage and accurate detection, making these sensors ideal for a wide range of industrial applications where precision is essential.

In addition to its switching output sensor functionality, the Industrial Ultrasonic Sensors also offer analog current output for versatile integration with various industrial systems. The analog current output provides flexibility in signal processing and compatibility with different control systems, enhancing the overall usability and adaptability of these sensors.

Overall, the Industrial Ultrasonic Sensors combine advanced technology, reliable performance, and user-friendly features to deliver a high-quality industrial sensor solution. Whether used for object detection, distance measurement, or process automation, these sensors offer exceptional reliability, accuracy, and efficiency in industrial environments.

Features:

Product Name: Industrial Ultrasonic Sensors

Output Type I: 1 Analog Voltage Output 0-10V, Up/down

Accuracy: ±1% (built-in Temperature Drift Compensation)

Response Time: 52ms

Red LED: No Object Detected: Lights Up, Teaching-in When No Object Detected: Flashes

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Technical Parameters:

Parameter	Value
Repeatability	±0.15%F.S.

Ambient Temperature	-25 ~+70 (248~343K)
Response Time	52ms
Resolution	0.17mm
Analog Voltage Output	0-10V Up/down
Enclosure Rating	IP67
Accuracy	±1% (built-in Temperature Drift Compensation)
Output Type U	1 Analog Voltage Output 0-10V, Up/down
No-load current	≤30mA
Blind Zone	0-60mm

Applications:

KRONZ Industrial Ultrasonic Sensors are versatile and reliable devices suitable for a wide range of product application occasions and scenarios. With a brand name of KRONZ and originating from Guangdong, China, these sensors come with a CE certification, ensuring high quality and compliance with European standards.

The Industrial Ultrasonic Sensors offer precise measurements with a resolution of 0.17mm, making them ideal for applications requiring accuracy and consistency. The Analog Current Output feature, with a range of 4-20mA Up/down, allows for easy integration into various industrial systems.

These sensors are perfect for use in environments where water or dust may be present, as they are designed with an IP67 rating, ensuring protection against ingress of solids and liquids. The no-load current of ≤30mA ensures efficient operation and energy savings.

One of the unique features of the KRONZ Industrial Ultrasonic Sensors is the absence of a red LED when an object is detected, which lights up to indicate detection. Additionally, the Teaching-in function activates when no object is detected, with the LED flashing to alert users. This user-friendly design enhances the overall user experience.

With a minimum order quantity of 1 and negotiable pricing, these sensors offer flexibility for both small-scale and large-scale industrial applications. The packaging details include polybag packing, ensuring safe transport and storage of the sensors.

Customers can expect a quick delivery time of 5-8 working days, allowing for efficient project planning and implementation. Payment terms such as T/T, Western Union, and MoneyGram provide convenient options for financial transactions.

With a supply ability of 100,000 pieces per month, KRONZ Industrial Ultrasonic Sensors are readily available to meet the demands of various industries. Whether it's in manufacturing, automation, or robotics, these sensors excel in providing accurate and reliable distance sensing solutions.

In conclusion, the 0-10V Ultrasonic Sensor from KRONZ is a versatile and high-performance device suitable for a wide range of industrial applications. Its IP67 rating, Analog Current Output, and user-friendly features make it a valuable asset for industries requiring precise distance sensing capabilities.

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

PayPal WESTERN UNION VISA T/T

1. Samples and small orders can be shipped with fast shippment 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.

CONTACT US