



## Industrial Ultrasonic Sensors N2U 1 Analog Voltage Output 0-10V And Npn Switching Output

Our Product Introduction

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### Basic Information

- Place of Origin: Guangdong, China
- Brand Name: KRONZ
- Certification: CE
- Model Number: U18-D1000N2UT-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

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### Product Specification

- Connection Type: 5pin, M12 Connector
- Response Time: 52ms
- Resolution: 0.17mm
- Material: Copper Nickel-plated, plastic Fittings, glass Epoxy Resin.
- Load Impedance: I/ 300 Ohm, U/ 1k Ohm
- Output Type U: 1 Analog Voltage Output 0-10V + 1 Switching Output NPN, Up/down, NO/NC
- Supply Voltage: 10-30V DC, reverse-polarity Protection
- No-load Current: ≤30mA
- Highlight: **Npn Switching Output Industrial Ultrasonic Sensors**  
**, N2U 1 Industrial Ultrasonic Sensors,**  
**Analog Voltage Output Industrial Ultrasonic Sensors**

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### More Images

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## Product Description

### Product Description:

The Industrial Ultrasonic Sensors is a cutting-edge product designed for high-performance applications. With its advanced features and specifications, this sensor provides reliable and accurate measurements in industrial settings.

One of the standout features of this sensor is its Blind Zone of 0-60mm, allowing for precise detection even in close proximity to objects. This ensures that no details are missed, making it ideal for applications where close-range measurements are crucial.

Weighing just 38g, this sensor is lightweight and easy to handle, making installation and maintenance hassle-free. The use of high-quality materials such as Copper Nickel-plated, plastic fittings, and glass epoxy resin ensures durability and longevity, even in harsh industrial environments.

When it comes to power supply, the sensor operates within a range of 10-30V DC, with reverse-polarity protection for added safety and reliability. This wide supply voltage range makes it versatile and compatible with various power sources, enhancing its usability in different setups.

The Industrial Ultrasonic Sensors also feature an Analog Current Output of 4-20mA Up/down, providing real-time data for precise monitoring and control. This Analog Current Output ensures seamless integration with other systems, enabling efficient data transmission and processing.

Moreover, this sensor is equipped with a Switching Output PNP, offering quick and reliable signal switching for enhanced performance.

The Switching Output PNP is essential for applications requiring fast response times and accurate detection, making this sensor a valuable asset in industrial automation.

Additionally, the sensor boasts an Analog Voltage Output, allowing for flexible signal output options to suit different requirements. The Analog Voltage Output provides a continuous signal proportional to the measured distance, offering detailed and accurate data for analysis and decision-making.

With its Long-Range Sensor capabilities, this product can detect objects from a considerable distance, making it suitable for applications where extended reach is necessary. The Long-Range Sensor feature ensures reliable detection even in challenging environments, enhancing operational efficiency and safety.

In conclusion, the Industrial Ultrasonic Sensors offer a comprehensive solution for industrial measurement and detection needs. With its advanced features, reliable performance, and durable construction, this sensor is a valuable asset in various industrial applications.

### Features:

Product Name: Industrial Ultrasonic Sensors

Power Supply: 10-30V DC

Resolution: 0.17mm

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

Load impedance: I/ 300 Ohm, U/ 1k Ohm

Initialization time: 500ms

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**Technical Parameters:**

Technical Parameter	Value
Green LED	Object Detected: Lights Up, Teaching-in When Object Detected: Flashes
Response Time	52ms

Initialization Time	< 500ms
Material	Copper Nickel-plated, plastic Fittings, glass Epoxy Resin
Output Type N2U	1 Analog Voltage Output 0-10V + 1 Switching Output Npn, Up/down, NO/NC
Red LED	No Object Detected: Lights Up, Teaching-in When No Object Detected: Flashes
Enclosure Rating	IP67
Storage Temperature	-40 ~ +85 (233~358K)
Repeatability	±0.15%F.S.

## Applications:

KRONZ Industrial Ultrasonic Sensors, such as the M18 Ultrasonic Sensor, are versatile and reliable devices suitable for a wide range of application occasions and scenarios in industrial settings. These sensors are ideal for use in automation, control systems, robotics, and other industrial processes that require accurate distance sensing and object detection capabilities.

With a Blind Zone of 0-60mm and an Accuracy of  $\pm 1\%$ , these ultrasonic sensors offer precise and consistent measurements, making them perfect for applications where high precision is crucial. The NPN Output Sensor feature allows for easy integration with various industrial control systems, while the Switching Output Sensor provides reliable and fast response times for detecting objects in a timely manner.

Manufactured in Guangdong, China, these ultrasonic sensors are CE certified, ensuring high quality and compliance with international standards. The material composition of Copper Nickel-plated, plastic fittings, and glass epoxy resin enhances durability and performance in demanding industrial environments.

The KRONZ Industrial Ultrasonic Sensors have a Power Supply of 10-30V DC and Analog Voltage Output of 0-10V Up/down, offering flexibility and compatibility with different power sources and signal interfaces. The minimum order quantity is 1 piece, with a negotiable price and packaging details of polybag packing for convenient storage and transportation.

With a delivery time of 5-8 working days and payment terms including T/T, Western Union, and MoneyGram, customers can expect prompt and convenient transactions. The supply ability of 100,000 pieces per month ensures availability and reliability for large-scale industrial applications requiring multiple sensors.

## 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.

[CONTACT US](#)

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