Modbus-rtu Output Type R4 Industrial Sensor ±1% Accuracy For Industrial Efficiency And Monitoring

Our Product Introduction

Basic Information

- Place of Origin: Guangdong, China
- Brand Name: KRONZ
- Certification: CE
- Model Number: U18-D1000R4T-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

- Connection Type: 5pin, M12 Connector
- Green LED: Object Detected:Lights Up, Teaching-in When Object Detected:Flashes
- Detection Range: 60-1000mm
- Weight: 38g
- Output Type R4: 1 RS485 Output,Modbus-rtu
- Material: Copper Nikel-plated,plastic Fittings,glass Epoxy Resin.
- Blind Zone: 0-60mm
- Highlight: **Industrial Efficiency Industrial Sensor**, **Industrial Monitoring Industrial Sensor**, **R4 Industrial Sensor**

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Product Description

Product Description:

The Industrial Ultrasonic Sensors are advanced sensors designed to provide accurate and reliable distance measurement in industrial environments. These sensors are equipped with innovative features to ensure optimal performance and seamless integration into various applications.

One of the key features of the Industrial Ultrasonic Sensors is the Output Type N2U, which includes 1 Analog Voltage Output 0-10V and 1 Switching Output NPN. This configuration allows for versatile connectivity and compatibility with different systems. The Analog Voltage Output provides precise distance data in the range of 0-10V, while the Switching Output NPN offers flexibility in signal processing with options for Up/down and NO/NC configurations.

In terms of technical specifications, the Industrial Ultrasonic Sensors have a wide Storage Temperature range from -40 to +85 (233K to 358K), ensuring reliable operation in extreme environmental conditions. The sensors also feature a low No-load current of ≤30mA, which helps in conserving energy and reducing operational costs.

Furthermore, the Industrial Ultrasonic Sensors boast a fast Response Time of 52ms, enabling real-time distance measurement and quick data processing. This swift response time is crucial in industrial settings where efficiency and accuracy are paramount.

Additionally, the Output Type UI of the Industrial Ultrasonic Sensors includes 1 Analog Voltage Output 0-10V and 1 Analog Current Output 4-20mA, with options for Up/down configuration. The Analog Current Output feature provides a continuous current signal in the range of 4-20mA, making these sensors ideal for applications requiring precise current output measurement.

In summary, the Industrial Ultrasonic Sensors are cutting-edge devices that combine the benefits of Analog Output Sensors, Switching Output NPN, and Analog Current Output capabilities. With their robust design, wide temperature range, low power consumption, fast response time, and versatile output options, these sensors are the perfect choice for industrial applications that demand high performance and accuracy.

Features:

Product Name: Industrial Ultrasonic Sensors

Response Time: 52ms

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

Input type: Teach-in And Synchronization

Output Type R4: 1 RS485 Output, Modbus-rtu

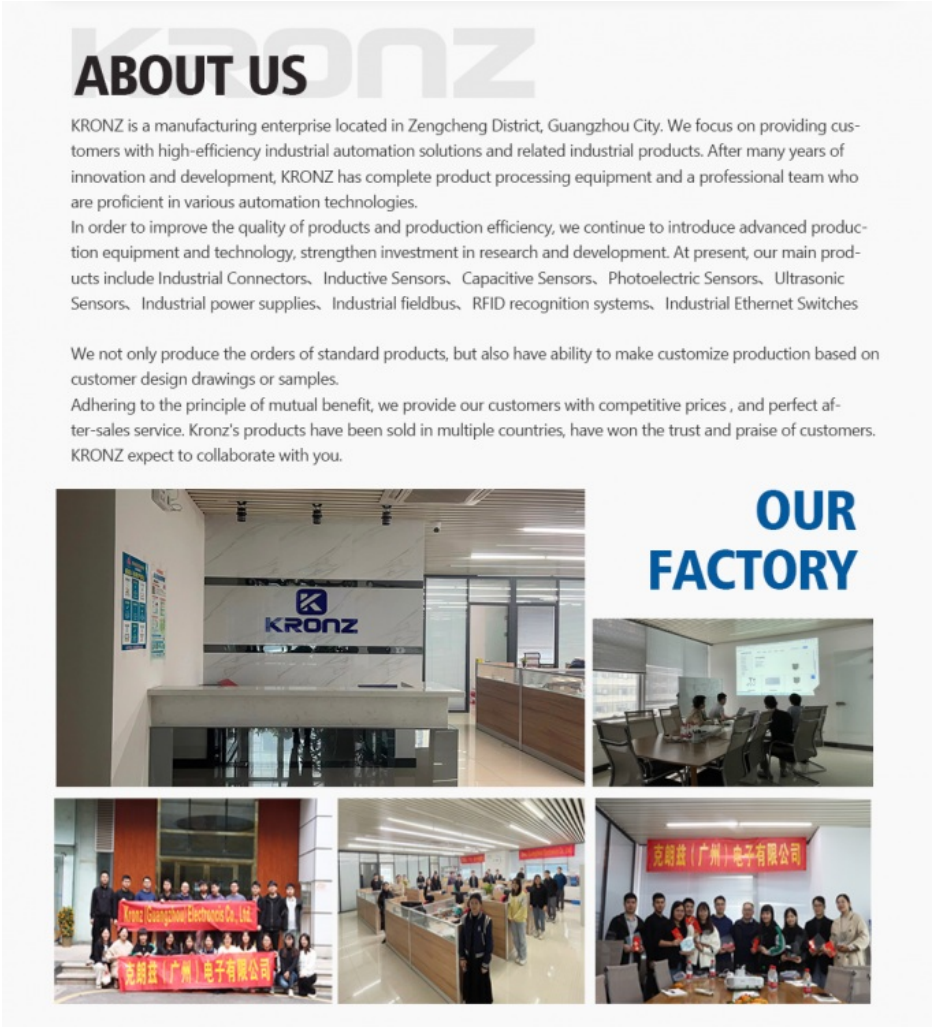
Technical Parameters:

Supply voltage	10-30V DC,reverse-polarity Protection
Blind Zone	0-60mm
Output Type R4	1 RS485 Output,Modbus-rtu

Accuracy	±1%(built-in Temperature Drift Compensation)
Connection Type	5pin, M12 Connector
Weight	38g
No-load current	≤30mA

Applications:

KRONZ Industrial Ultrasonic Sensors are versatile and reliable sensors that can be used in a variety of product application occasions and scenarios. With a detection range of 60-1000mm, these sensors are perfect for precise and accurate distance measurement in industrial settings.
These sensors are ideal for use in automation and control systems that require Switching Output Sensors for object detection and proximity sensing. The Analog Voltage Output of 0-10V allows for easy integration with different types of equipment and machinery.
The Green LED indicators on the KRONZ Industrial Ultrasonic Sensors provide visual feedback for users. When an object is detected, the LED lights up, making it easy to see when the sensor has identified an object. The Teaching-in feature allows for customization of the sensor's settings, while the Flashes indicate the Teaching-in mode when an object is detected.
With an Enclosure Rating of IP67, these sensors are highly durable and can withstand harsh industrial environments. They are suitable for use in applications where dust, dirt, and moisture may be present.
Manufactured in Guangdong, China, these sensors are CE certified, ensuring high quality and reliability. The packaging details include Polybag packing, making it convenient for transportation and storage.
Customers can enjoy the flexibility of ordering just 1 sensor, with a negotiable price and fast delivery time of 5-8 working days. The payment terms accepted include T/T, Western Union, and MoneyGram, providing convenience for customers worldwide.
With a supply ability of 100,000 pieces per month, customers can rely on KRONZ Industrial Ultrasonic Sensors to meet their industrial automation needs. The Input type of Teach-in And Synchronization allows for easy installation and setup, making these sensors user-friendly and efficient.
Overall, the KRONZ Industrial Ultrasonic Sensors are the perfect choice for those looking for a high-quality, reliable 60-1000mm Sensor with Switching Output capabilities. Whether you need a 4-20mA Ultrasonic Sensor for distance measurement or object detection, these sensors offer the performance and functionality you need for your industrial applications.



Certifications

Logistics and Payment

PayPal WESTERN UNION VISA T/T

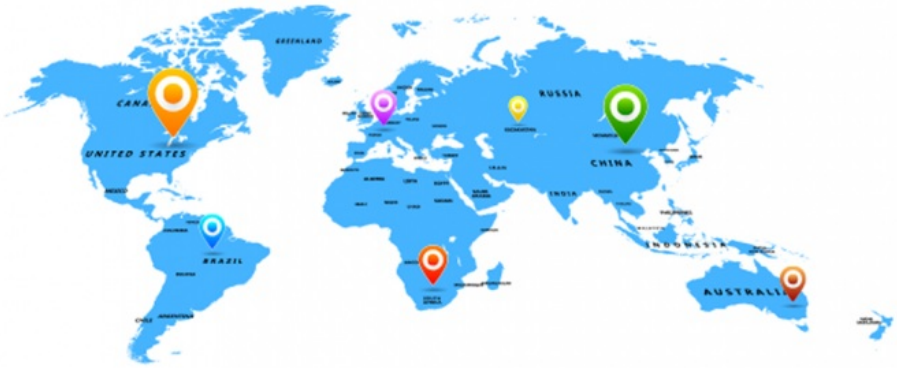
TNT ups SF EXPRESS 顺丰速运

FedEx Express EMS DHL

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

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