



M12 Industrial Ultrasonic Sensors NPN 5 Pin Detection Range 200-4000mm

Basic Information

- Place of Origin: Guangdong, China
- Brand Name: KRONZ
- Certification: CE
- Model Number: U30-D4000N(P)1T-R00A
- 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 Range: 200-4000mm
- Blind Zone: 0-200mm
- Resolution: 0.17-1.5mm
- Repeatability: $\pm 0.15\%$ F.S.
- Response Time: 162ms
- Initialization Time: 500ms
- Supply Voltage: 10-30V DC, reverse-polarity Protection
- Load Impedance: I/ 300 Ohm, U/ 1k Ohm
- No-load Current: $\leq 30\text{mA}$
- Highlight: **Industrial Ultrasonic Sensors NPN,
Industrial Ultrasonic Sensors 5 Pin,
M12 Industrial Ultrasonic Sensors**



Product Description

Ultrasonic Sensors NPN 5 Pin M12 Connector Detection Range 200-4000mm 5Hz

Product Description

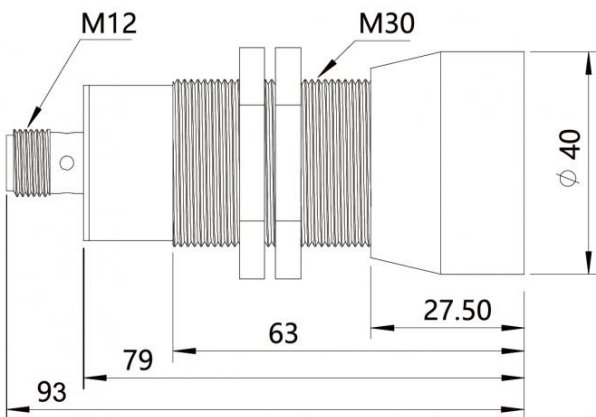
Main Feature:

- Full Metal M30 installation threaded sleeve
- Used in harsh environments

Basic Feature:

- 1 pc npn switching output
- Support digital RS485, modbus-rut standard protocol communication
- Implementing detection distance learning function through gray lines
- Temperature compensation
- Standard operating voltage DC 10-30V

Technical Data

Model	U30-D4000N(P)1T-R00A
Dection range	200-4000mm
Blind zone	0-200mm
Resolution	0.17-1.5mm
Repeatability	±0.15%F.S.
Accuracy	±1%(built-in temperature drift compensation)
Response time	162ms
Switching hysteresis	±4mm
Switching frequency	5Hz
Initialization time	< 500ms
Supply voltage	10-30V DC,reverse-polarity protection
Red LED	no object detected:Lights up, teaching-in when no object detected:Flashes
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
Load impedance	I/ 300 Ohm,U/ 1k Ohm
No-load current	≤30mA
Input type	Teach-in and synchronization
Material	Copper nikel-plated,plastic fittings,glass epoxy resin.
Enclosure rating	IP67
Connection type	5pin, M12 connector
Ambient temperature	-25 ~+70 (248~343K)
Storage temperature	-40 ~+85 (233~358K)
Weight	145g
Output type	N1: 1 npn switching output, NO/NC
Dimensional drawing	 <p>The diagram shows a side view of the sensor. It has an M12 connector on the left and an M30 threaded sleeve on the right. Dimensions are indicated: total length is 93mm, distance from M12 to the start of the M30 sleeve is 79mm, the distance between the two connector interfaces is 63mm, and the distance from the end of the M30 sleeve to the right edge is 27.50mm. The diameter of the M30 sleeve is 40mm.</p>

