



5Pin M12 Connector Ultrasonic Sensor NPN Or PNP Detection Range 60-1000mm

Our Product Introduction

Basic Information

- Place of Origin: Guangdong, China
- Brand Name: KRONZ
- Certification: CE
- Model Number: U18-D1000N(P)32T-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: 60-1000mm
- Blind Zone: 0-60mm
- Enclosure Rating: IP67
- Response Time: 52ms
- Switching Hysteresis: 2mm
- Switching Frequency: 19Hz
- Initialization Time: < 500ms
- Repeatability: $\pm 0.15\%$ F.S.
- Highlight: **5Pin Ultrasonic Sensor NPN,
M12 Connector Ultrasonic Sensor PNP,
1000mm Detection Ultrasonic Sensor NPN**



Product Description

5Pin M12 Connector Ultrasonic Sensor NPN Or PNP Detection Range 60-1000mm

Key Specifications

Attribute	Value
Detection range	60-1000mm
Blind zone	0-60mm
Enclosure rating	IP67
Response time	52ms
Switching hysteresis	2mm
Switching frequency	19Hz
Initialization time	< 500ms
Repeatability	±0.15% F.S.

Ultrasonic Sensor Switching Output Detection Range 60-1000mm 5Pin M12 Connector

Main Features

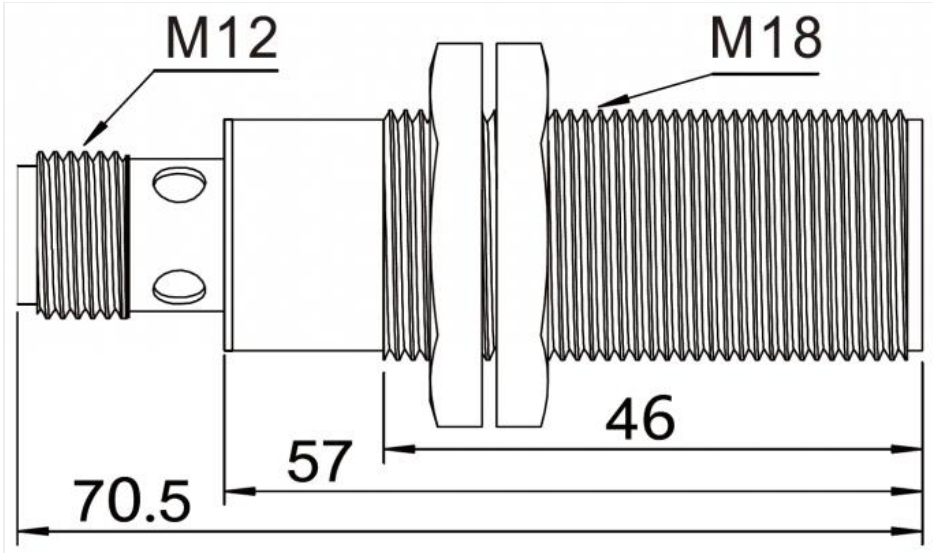
- M18 installation threaded sleeve for easy installation
- 1 NPN or PNP switching output
- Supports digital RS485, Modbus-RTU standard protocol communication
- Analog voltage output 0-10V or analog current output 4-20 mA
- Detection distance learning function through gray lines
- Built-in temperature compensation
- Standard operating voltage DC 10-30V

Technical Specifications

Model	U18-D1000N(P)32T-R00A
Detection range	60-1000mm
Blind zone	0-60mm
Resolution	0.17mm
Repeatability	±0.15%F.S.
Accuracy	±1% (with built-in temperature drift compensation)
Response time	52ms
Switching hysteresis	2mm
Switching frequency	19Hz
Initialization time	< 500ms
Supply voltage	10-30V DC with reverse-polarity protection
LED indicators	Red: no object detected (lights up), Green: object detected (lights up)
Overcurrent protection	200mA (LEDs flash simultaneously when triggered)
Load impedance	I/ < 300 Ohm, U/ > 1k Ohm
No-load current	≤30mA
Input type	Teach-in and synchronization
Material	Copper nickel-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	38g
Output type	N32: 1 NPN switching output NO/NC P32: 1 PNP switching output NO/NC

Dimensional Drawing



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