



M12 Connector Ultrasonic Sensor U18 Analog Output 0-10V 4-20mA

Our Product Introduction

Basic Information

- Place of Origin: Guangdong, China
- Brand Name: Kronz
- Certification: CE
- Model Number: U18-D500UIT-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

- Production Name: U18 Ultrasonic Sensor
- Supply Voltage: 10-30VDC
- Blind Zone: 0-50mm
- Resolution: 0.15mm
- Response Time: 32ms
- No-load Current: $\leq 30\text{mA}$
- Input Type: Teach-in And Synchronization
- Weight: 35g
- Highlight: **M12 Connector Ultrasonic Sensor, M12 Connector Ultrasonic Sensor U18, 20mA Ultrasonic Sensor U18**



Product Description

Ultrasonic Sensor U18 Analog Output 0-10V 4-20mA Detection 50-500mm M12 Connector

Product Description

Ultrasonic sensor U118-D500UIT-R00A has detection range 50-500mm, it supply voltage 10-30VDC, reverse-polarity protection. Output type 1 analog voltage output 0-10V + 1 analog current output 4-20mA, up/down. Ultrasonic sensors use ultrasonic waves for things like detecting the distance to an object, detecting the presence or absence of objects, and detecting the movement of objects.

Main Feature

M18 mounting thread sleeve

Easy to install

Basic Feature

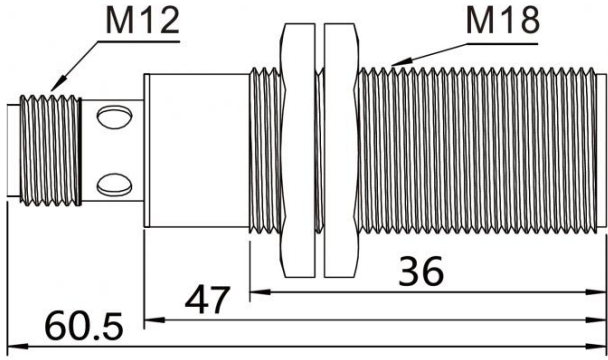
1 Analog voltage output 0-10V and 1 analog current output 4-20mA

Detection distance learning function is realized through gray lines

Temperature compensation

Standard working voltage DC 10-30V

Technical Data

Model	U18-D500UIT-R00A
Detection range	50-500mm
Blind zone	0-50mm
Resolution	0.15mm
Repeatability	±0.15%F.S.
Accuracy	±1%(built-in temperature drift compensation)
Response time	32ms
Initialization time	500ms
Supply voltage	10-30V DC, reverse-polarity protected
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 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	35g
Output type	UI: 1 analog voltage output 0-10V + 1 analog current output 4-20mA, up/down
Dimensional drawing	 <p>The diagram shows a side view of the sensor. On the left is an M12 connector with a length of 60.5. In the middle is a central body with a length of 47. On the right is an M18 connector with a length of 36. The total length of the device is 143.5 (60.5 + 47 + 36).</p>

