



## U18 Industrial Ultrasonic Sensors Analog Switching Output NPN 5pin M12 Connector

Our Product Introduction

### Basic Information

- Place of Origin: Guangdong, China
- Brand Name: Kronz
- Certification: CE
- Model Number: U18-D500N2IT-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 Sensors
- Supply Voltage: 10-30VDC
- Blind Zone: 0-50mm
- Enclosure Rating: IP67
- Connection Type: 5pin, M12 Connector
- No-load Current:  $\leq 30\text{mA}$
- Ambient Temperature:  $-25 \sim +70$   $248 \sim 343\text{K}$
- Storage Temperature:  $-40 \sim +85$   $233 \sim 358\text{K}$
- Highlight: **U18 Industrial Ultrasonic Sensors, 5pin M12 Industrial Ultrasonic Sensors, Analog Switching Output NPN Ultrasonic Sensors**



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## Product Description

### Ultrasonic Sensor U18 Analog Switching Output NPN 50-500mm 5pin M12 Connector

#### Product Description

Ultrasonic sensor U118-D500N2IT-R00A has detection range 50-500mm, it supply voltage 10-30VDC, reverse-polarity protection. Output type 1 analog current output 4-20mA +1 switching output npn, Up/down, NO/NC. 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

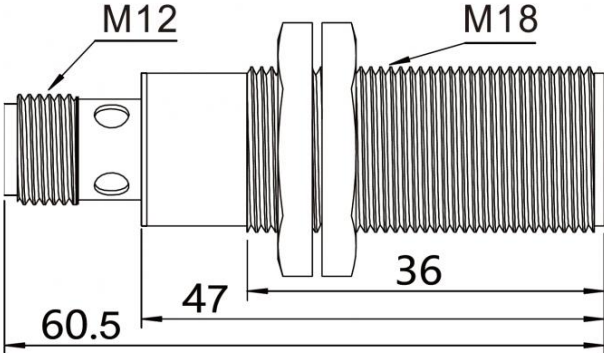
1 analog current output 4-20mA +1 switching output npn, Up/down, NO/NC

Detection distance learning function is realized through gray lines

Temperature compensation

Standard working voltage DC 10-30V

#### Technical Data

Model	U18-D500N2IT-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	N2I: 1 analog current output 4-20mA +1 switching output npn, Up/down, NO/NC
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>

