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INDUSTRIAL PRODUCT DATASHEET

RS485 500cm Ultrasonic Level Sensor

High-precision ultrasonic distance sensor with a measuring range of 25~500cm.

SKU	UPDATED	PRICE
101991042	2026-11-11 09:52:34	$39.00(Excl. VAT)



Overview



High-precision ultrasonic distance sensor with a measuring range of 25~500cm. Suitable for various applications like Horizontal ranging、Intelligent trash can management system、Robot avoidance and automatic control.

Key Features

01 **Measuring ranges**

With an intelligent signal processing circuit, the measurement distance can be up to 5 meters, and the blind area is less than 25cm.

02 **High precision**

Built-in high-precision ranging algorithm, measurement accuracy ±(1+S*0.3%)

03 **Strong robustness**

IP67 protection, suitable for wet, harsh environments

04 **Low power consumption**

Average current <10 mA

05 **Built-in on-board temperature compensation, automatic correction of temperature deviation**

Product Gallery







Applications

- Horizontal ranging
- Object proximity and presence awareness
- Intelligent trash can management system
- Robot avoidance and automatic control
- Sewer, bottom water level monitoring

Resource Links

- https://www.seeedstudio.com/RS485-500cm-Ultrasonic-Level-Sensor-p-5588.html
- RS485 500CM Ultrasonic level Sensor Datasheet

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