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INDUSTRIAL PRODUCT DATASHEET

RS485 750cm Ultrasonic Level Sensor

The RS485 750cm Ultrasonic Level Sensor offers high-precision ultrasonic ranging up to 750cm with IP67 protection and low power consumption for proximity, level monitoring, and robot avoidance applications.

SKU	UPDATED	PRICE
101991041	2026-11-05 04:36:28	$21.90(Excl. VAT)



Overview



The RS485 750cm Ultrasonic Level Sensor delivers non-contact measurement up to 750cm with blind zone under 28cm, ±(1+S*0.3%) accuracy, IP67 protection, <10 mA average current, and on-board temperature compensation. It is designed for horizontal ranging, object proximity and presence awareness, intelligent trash can management, robot avoidance and automatic control, and sewer/bottom water level monitoring.

Key Features

01 **Measuring ranges**

With an intelligent signal processing circuit, and equipped with a bell-mouth, the measurement distance can be up to 750cm, and the blind zone is less than 28cm.

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/RS485-750cm-Ultrasonic-Level-Sensor-p-5587.html
- RS485 750cm Ultrasonic Level Sensor Datasheet

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