

ULTRASONIC NON-CONTACT LEVEL SENSOR



10 METER RANGE LOW POWER ULTRASONIC NON-CONTACT LEVEL SENSOR

Specification

- Operating Voltage 2.7V to 5.5V
- Resolution of 1 mm
- Operating Temperature -40°C to +65°C
- IP69 Connectors
- Average Current Consumption at 3.3v is 2.5mA
- 5m or 10m Range Sensor Option
- RS232 or TTL Sensor Output

Applications

- Lakes, Rivers & Streams
- Weather Stations
- Tanks Level
- Sewer Overflows
- Weirs & Flumes

This ultrasonic Sensor provides very short to long distance detection, high resolution measurements and Weather resistant IP69. It comes equipped with 7 meter length cable as standard.

Very low power requirements with wide voltage supply between 2.7 and 5.5 volts. Average current consumption at 3.3v is 2.5mA.

This sensor is excellent for battery based systems whether it is for single or multiple sensor applications.

1mm high resolution can be obtained when using the serial output option. Serial data output is approximately 6 times per second in 1mm resolution.

High output acoustic power combined with continuously variable gain control, real-time background automatic calibration and noise rejection algorithms results in virtually noise free distance readings.

The sensor is designed for industrial use, fully encapsulated and supplied with waterproof cable and connector.

