Ultrasonic Range Finder - HRXL-MaxSonar-WR

DESCRIPTION

- Resolution of 1mm
- 7.5Hz read rate
- Internal temperature compensation
- 42kHz ultrasonic sensor measures distance to objects
- Read from all 3 sensor outputs: Analog Voltage, Serial, Pulse Width
- Virtually no sensor dead zone, objects closer than 30cm range as 30cm
- Operates from 2.7-5.5V
- Low 2.9mA average current requirement
- Small, lightweight module
- Designed for easy integration into your project or product
- Operational temperature -40°C to +65°C (-40°F to +149°F)
- Realtime automatic calibration (voltage, humidity, and ambient noise)
- Firmware filtering for excellent noise tolerance and clutter rejection
- Weather resistant (IP67), optional chemical resistant F-Option
- Matches standard electrical ¾-inch PVC pipe fittings for easy mounting (¾-inch National Pipe Thread Straight)
- Long narrow detection zone
- RS232 Serial Output

FEATURES

- SEN-11724 ROHS

Customer Reviews

5 out of 5

Based on 1 ratings:

Downloaded from Arrow.com.
Not the best thing I've ever owned, but certainly the best thing for measuring my irrigation pond level.

last year by Trilogic verified purchaser

I use these sensors for measuring my irrigation pond level. I'm using the analog output connected to an ADC port on a STM32-H152 Olimex board. The Olimex board has a Digi XBee PRO 950 connected via a UART port that then transmits readings to a Beaglebone 200+ feet away inside a building which also has a Digi XBee PRO 950. The Beaglebone (using LibWebsockets and Javascript) serves up web pages with the data received. The MaxSonar has been outside exposed to the elements (central Oregon) for 1 year plus now and has not failed once. 5 Star product, works perfect and is very accurate.