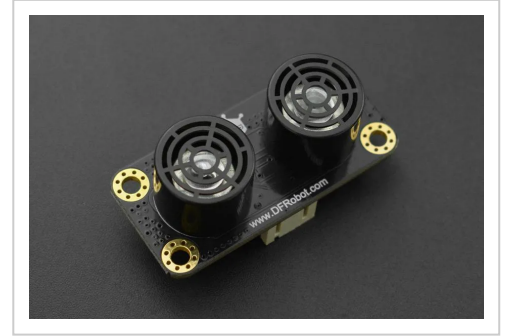


DFRobot Gravity - URM09 Ultrasonic sensor, Trig

This is a high performance non-contact ultrasonic sensor from the URM09 series that utilises the standard PH2.0-3P Gravity vertical interface. It offers an accuracy of 1% within an effective measurement range of 2~500cm (test on a



Product number SEN0388

Weight 0.01kg

Product description

This is a high performance non-contact ultrasonic sensor from the URM09 series that utilises the standard PH2.0-3P Gravity vertical interface. It offers an accuracy of 1 % within an effective measuring range of 2 to 500 cm (testing on a flat wall). The principle and method are similar to the SR04 ultrasonic distance measurement modules. The distance measurement of this sensor is triggered by the high/low level output of a host's I/O ports, and then the sensor converts the ultrasonic transit time into a high pulse that is output. The difference is that this sensor multiplexes the input and output signals to one signal port, so users can easily use the sensor for distance measurement with only one I/O port of a controller. The advanced hardware and software design ensures excellent and reliable measurement performance. The module works well with 3.3V/5V controllers such as Arduino, Raspberry Pi, etc.

Specifications

- Operating voltage: 3.3~5.5V DC
- Max. instantaneous working current: <20mA
- Effective range: 2cm~500cm
- Resolution: 1cm
- Accuracy: 1%
- Acoustic frequency: 40±2KHz
- Measuring range frequency: 25Hz Max
- Dimensions: 47×22mm

Scope of delivery

- URM09 Ultrasonic Sensor (Gravity Trig) x1
- PH2.0-3P sensor connector x1

Documentation / Downloads

- [Product Wiki](#)

Product properties

Gross Weight (kg)	0.010
Zolltarifnummer	90151000
Country of Origin	China
Brand	DFRobot
Product ID	SEN0388
Manufacturer ID	SEN0388
EAN	6959420918249

More images

