adafruit

Maxbotix Ultrasonic Rangefinder - LV-EZ0 - LV-EZ0

PRODUCT ID: 979

87 IN STOCK

| 1 | ADD TO CART |

1-9
10-99
100+

ADD TO WISHLIST
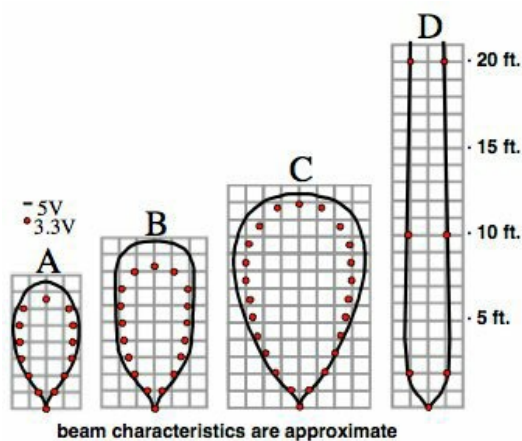
DESCRIPTION

TECHNICAL DETAILS

DESCRIPTION

LV-EZ0 Maxbotix Ultrasonic Rangefinder provides very short to long-range detection and ranging, in an incredibly small package. It can detect objects from 0-inches to 254-inches (6.45-meters) and provides sonar range information from 6-inches out to 254-inches with 1-inch resolution. (Objects from 0 inches to 6-inches range as 6-inches.) The interface output formats included are pulse width output (PWM), analog voltage output (Vcc/512 volts per inch), and serial digital output (9600 baud).

A good sensor for when a Sharp IR distance sensor won't cut it. For example of using this with an Arduino, see the Halloween Pumpkin project.

LV-EZ0 Data Sheet / Product Information Guide is available here.

beam characteristics are approximate

The different LV models have different beam width patterns, check this image for a comparison of all the LV model beam patterns. For higher sensitivity, check out the HR-LV models - they have up to 1mm sensitivity and 5 meter range!

TECHNICAL DETAILS

Dimensions:

- Length: 15.52mm/0.61in
- Width: 22.36mm/0.88in
- Height: 20.0mm/0.79in
- Weight: 4.23g/0.15oz

For product support for all Maxbotix products, click here!

MAY WE ALSO SUGGEST...

Maxbotix Ultrasonic

Maxbotix Ultrasonic

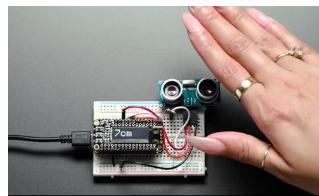Maxbotix Ultrasonic

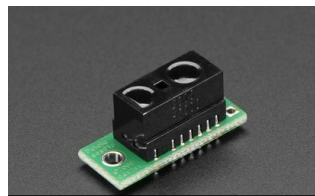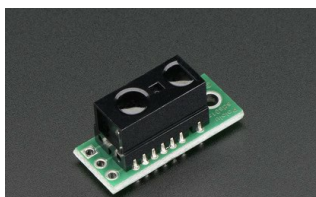Maxbotix Ultrasonic

Maxbotix Ultrasonic

Maxbotix Ultrasonic

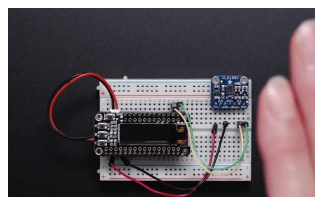IR distance sensor includes

HC-SR04 Ultrasonic Sonar

Sharp GP2Y0D805Z0F

Sharp GP2Y0D810Z0F

Maxbotix Ultrasonic

Adafruit VL6180X Time of

DISTRIBUTORS EXPAND TO SEE DISTRIBUTORS

CONTACT

"He who receives an idea from me

receives it without lessening me, as he who lights his candle at mine receives light without darkening me"
- Thomas Jefferson

ENGINEERED IN NYC Adafruit ®

4.9 ★★★★★
Google
Customer Reviews