

Ultralyd-sonar LV-EZ2



Produktkode: 190aa

Tilgjengelighet: 1

Lager : S178b

Pris: kr. 460,00

Short Description

MB1020 LV-MaxSonar-EZ2 Range Finder

Beskrivelse

This easy to use sensor is from the Maxbotix company. The LV-MaxSonar-EZ2 offers very short to long-range detection and ranging, in an incredibly small package with ultra low power consumption. The LV-MaxSonar-EZ2 detects 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 between 0-inches and 6-inches range as 6-inches. The interface output formats included are pulse width output, analog voltage output, and asynchronous serial digital output.

Many Applications require a more narrow beam than the EZ0 and EZ1. The EZ2 offers progressively narrower beam angle allowing the sensor to match the application.

MaxSonar-EZ2 detects objects from 0" to 254".

- 2.5-5.5V operation range. Low 2mA supply current.
- 42kHz Ultrasonic sensor with 20Hz reading rate.
- Incredibly Small Package Sonar Range Finder.
- Serial Output, PWM output, Analog Output.
- Product Dimensions: 0.6 x 0.9 x 0.8 inches ; 5 ounces

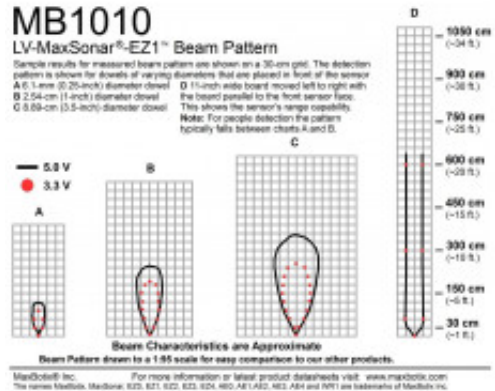
Oppsett kontrollør:

<https://ardupilot.org/copter/docs/sonar.html>

Tilkoblinger

Oppsett i Ardupilot

Product Gallery



LV-MaxSonar-EZ1™ High Performance Sonar Range Finder

MaxBotix® LV-MaxSonar-EZ1™ is a high performance, non-contact, ultrasonic range finder. It is designed for use in a wide variety of applications, including robotics, automation, and industrial control. The sensor is housed in a rugged, black plastic enclosure and is powered by a 5V DC supply. It has a range of up to 300 cm (10 feet) and a resolution of 1 cm (0.4 inches). The sensor is easy to use and is compatible with a wide range of microcontrollers and computers.

Features:

- Continuously variable gain for maximum range
- Output frequency adjustable from 100 to 1000 Hz
- 1.1 to 11.0 cm (0.43 to 4.33 inches) resolution
- Analog output voltage range 0V to 5V
- Non-contact, non-destructive
- Operates in a wide range of temperatures
- Small size, easy to use
- Low power consumption
- High accuracy
- Long life span
- Easy to use

Specifications:

- Supply Voltage: 5V DC
- Operating Temperature: -10°C to 40°C
- Storage Temperature: -20°C to 60°C
- Humidity: 10% to 90% RH
- Resolution: 1 cm
- Range: 0 to 300 cm
- Output Voltage: 0V to 5V
- Output Frequency: 100 to 1000 Hz
- Weight: 4.3 grams
- Dimensions: 22.1 x 15.5 x 6.7 mm

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