

# 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

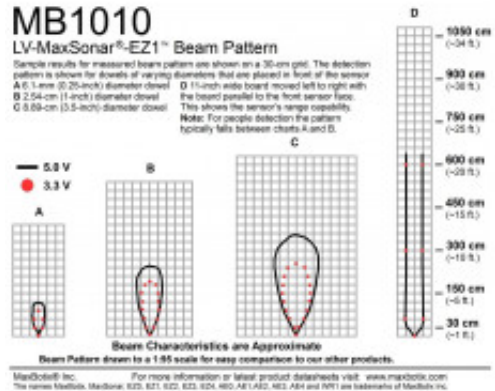
Oppsett kontrollør:

<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 can be integrated into a wide variety of systems.

**Features:**

- Continuously variable gain for maximum range
- Output frequency adjustable from 40KHz to 80KHz
- 1.5m (5ft) range with 1cm (0.4in) resolution
- Analog output for easy integration
- Non-contact, ultrasonic technology
- Compact, rugged design
- All weather, all terrain operation
- Easy to use, plug-and-play interface
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- Non-contact, ultrasonic technology
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- All weather, all terrain operation
- Easy to use, plug-and-play interface

**Specifications:**

- Supply Voltage: 5V DC
- Operating Current: 50mA
- Range: 0 to 300 cm (0 to 10 feet)
- Resolution: 1 cm (0.4 inches)
- Output Frequency: 40KHz to 80KHz
- Output Type: Analog
- Operating Temperature: -20°C to 60°C (-4°F to 140°F)
- Storage Temperature: -40°C to 125°C (-40°F to 257°F)
- Humidity: 0% to 95% RH
- Weight: 4.3 grams
- Dimensions: 22.1mm x 15.5mm x 16.4mm

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