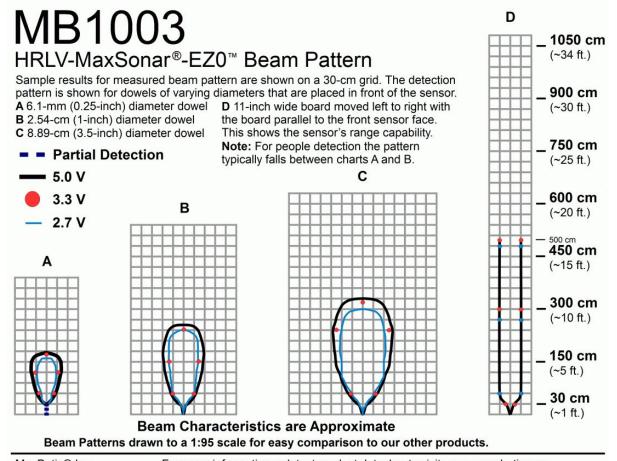
Ultrasound EZO



Ultrasonic Range Finder - HRLV-MaxSonar-EZ0

These easy-to-use ultrasonic rangefinders from Maxbotix work the same way as the EZ line that you know and love, but this new high-resolution series features *1 millimeter resolution!* As with the rest of the Maxbotix range finders, these sensors feature Analog Voltage, RS232 Serial, and Pulse Width outputs making them easy to interface with any microcontroller. These sensors have a maximum range of 5000 mm (195 inches) with virtually no dead zone (although objects closer than 30 cm will typically range as 30 cm).

- Resolution of 1-mm
- 10Hz reading rate
- Internal temperature compensation
- 42kHz Ultrasonic sensor measures distance to objects
- Read from all sensor outputs: Analog Voltage, RS232 or TTL Serial, and Pulse Width
- Virtually no sensor dead zone, objects closer than 30 cm will typically range as 30 cm
- Maximum range of 5000 mm
- Tolerates outside noise sources
- Operates from 2.5V-5.5V
- Low 3.1mA average current requirement
- Operational Temperature from -0C to +65C
- Real-time automatic calibration (voltage, humidity, ambient noise)
- Firmware filtering for better noise tolerance and clutter rejection
- Widest beam of the HRLV-MaxSonar-EZ sensors



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