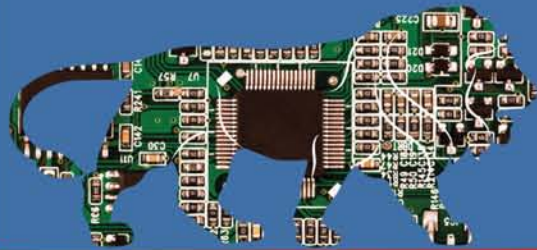


# AGEcho<sup>®</sup> Ultrasonic sensors

very economical with best quality

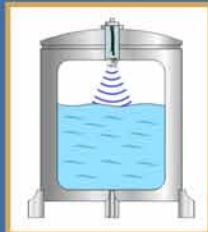


Make  
in  
India



We are first manufacturer of Ultrasonic level Sensors in India

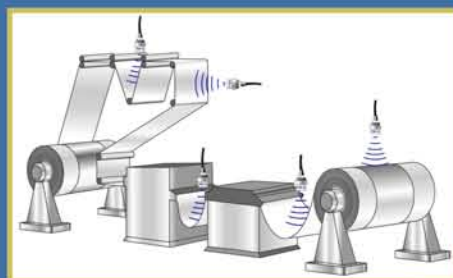
Liquid Level



People Detection /Kiosks



Process Control



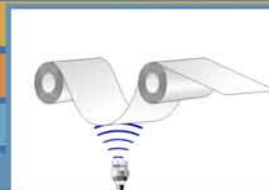
Height/Size Counting



Diameters Detection



Distance Detection



We are first manufacturer of Ultrasonic level Sensors in India. Our Brand name is **AGEcho<sup>®</sup>**. Our Ultrasonic Sensors are very economical with best quality. It's cost varies with the range and type of output requirement. It is very useful for the industries where non-contact type of sensing is required. We have in house R&D team to cater to all the industrial problems. Our R&D team is fully equipped to develop new sensors/controllers as per the customer's need.

## AGEcho<sup>®</sup> Ultrasonic Sensors Salient features:

- **AGEcho<sup>®</sup>** ultrasonic sensors are available with output options such as, **Analog Current 4-20mA, Analogue Voltage 0-5V, ON/Off signal, Trigger output for Multi-sensor application, Pulse width, Serial TTL, Serial RS 232C.**
- **AGEcho<sup>®</sup>** is very easy to install, rugged design for use in dusty and humid conditions, suitable for outdoor as well as indoor use
- **AGEcho<sup>®</sup>** is very useful non-contact type of sensing or presence or counting of object. ON/OFF type signal is also available
- **AGEcho<sup>®</sup>** Very useful for Non-contact distance / level measurement. The distance of the target is measured, not just its presence, but gives directly 4-20 mA, Serial or Pulse width data proportional to the distance of the target
- **AGEcho<sup>®</sup>** Sensing range: 200mm to 1000mm . . . up to . . . 6000mm. (19.7 Feet) (0-200 mm is Dead Band).
- **AGEcho<sup>®</sup>** Operating temperature 0°C to 65°C.
- **AGEcho<sup>®</sup>** Accuracy is 1% of the full scale..
- **AGEcho<sup>®</sup>** Temperature compensated measurement for better accuracy (optional).
- **AGEcho<sup>®</sup>** Operating voltage 12V DC, with Reverse Polarity protection. (24 VDC optional)
- **AGEcho<sup>®</sup>** Unaffected by ambient light, object color or any other optical characteristic. Works with hard materials like Metal sheet, plywood, or soft materials like cloth and Paper, Rubber etc.
- **AGEcho<sup>®</sup>** is self-calibrated. Microcontroller is present in each sensor. This provides direct distance/depth reading with better calibration and communication with the controller module.

## AGEcho<sup>®</sup> Ultrasonic Sensors Applications:

- Level measurement (Water, Liquid, Granules & solids).
- Object counter, Presence / Absence detection.
- Intrusion alarm.
- Non-contact distance measurement.
- Collision detection.



Brand: AG Electronics

1- Outdoor without Temp. compensation 2- Outdoor with Temp. compensation  
3- Indoor without Temp. compensation 4- Indoor with Temp. compensation

Accuracy 1: 1% 2: 2% 3: 3% 4: 4% 5: 5% upto 9: 9% X: Unspecified

Level / Distance 1: Level Narrow Beam 2: Level Wide Beam 3: Distance Narrow Beam  
4: Distance Wide Beam 5: Level Narrow Beam for Special Application X: Unspecified

A: Analogue Current 4-20mA V: Analogue Voltage 0-5V O: On / Off Signal  
M: Trigger Output for multi sensors X: Unspecified

P: Pulse Width R: Serial RS 232 C T: Serial TTL X: No Signal

AG 1 2 3 - A B C D 4567 E ZZ XI For Future Use

Resolution H: 1 mm M: 10 mm L: 100 mm VIII IX Range in cm 0100 : 1000 mm 0200 : 2000 mm Upto . . . . . 1500 : 15000 mm

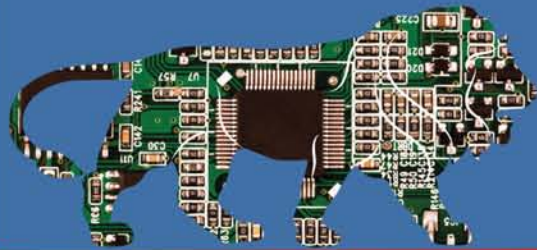
VII C: Continuous T: Triggered X: Unspecified Cable Length N: No Cable S: 300 mm (Std.) U: User Specified X

**AGE | AG Electronics**  
Innovative Solutions

208, Bhivapurkar Chambers, Dhantoli, Nagpur - 440 012  
Phone : 0712-2451900, Mob : +91-8087107006  
website: www.agelectronics.in, email: info@agelectronics.co.in / care@agelectronics.in

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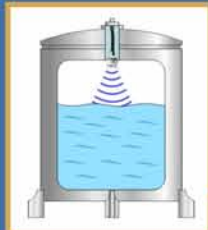


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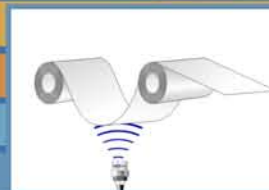
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