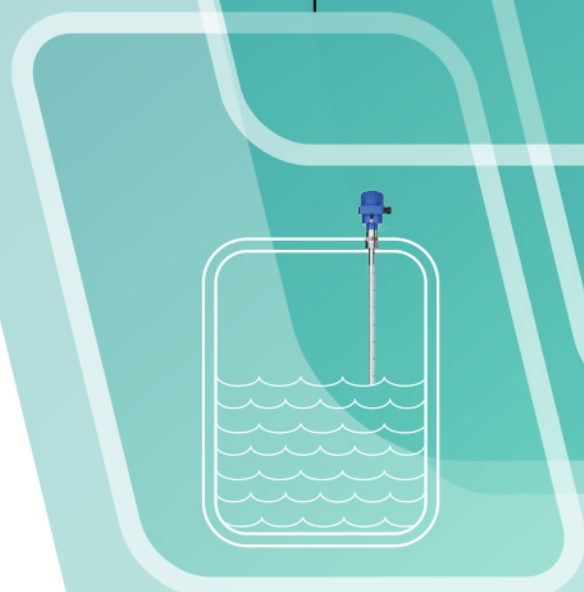


ULTRASONIC
SENSOR



INTRODUCTION

AG ELECTRONICS is a leading manufacturer and supplier of high-quality ultrasonic sensors, rapidly expanding its reach across various industries. We excel in manufacturing, supplying, and exporting ultrasonic sensors tailored to meet diverse industrial needs, with a strong presence in major cities including Pune, Mumbai, and Chennai.

Our products are known for their reliability, customization options, and advanced features, serving applications such as water, sewage, chemicals, and granules. We offer rugged, cost-effective solutions for precise, non-contact measurement, committing to quality and innovation to meet evolving market demands.



Ultrasonic Sensor
(Short Range)



Ultrasonic Sensor
(Medium Range)



Ultrasonic Sensor
(Long Range)

INDUSTRIES :



WATER AND RESOURCE
MANAGEMENT



AGRICULTURAL



AUTOMOTIVE



TEXTILE



CONSTRUCTION



LOGISTICS



PRODUCTION
MANAGEMENT



MINING



PAPER AND PULP



POWER GENERATION



CHEMICAL AND
FERTILIZER



RAILWAY

APPLICATIONS

TANK LEVEL MEASUREMENT

Accurately monitor and maintain liquid levels in tanks with ultrasonic sensors for optimal inventory management and safety.

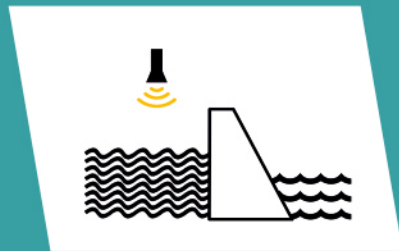


OBJECT DETECTION

provide precise object detection for enhanced automation and safety in various industrial applications.

DISTANCE AND HEIGHT MEASUREMENT

offer reliable distance and height measurement for accurate positioning and monitoring in diverse environments

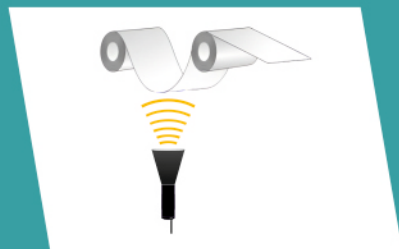


WATER RESERVOIR MONITORING

Ensure efficient water reservoir management with ultrasonic sensors that provide real-time monitoring and level measurement.

VEHICLES DETECTION

Enhance traffic management and parking systems with ultrasonic sensors for precise and reliable vehicle detection.



LOOP CONTROL

Optimize manufacturing processes with ultrasonic sensors for precise loop control and material handling.

DIAMETER DETECTION

ensure precise diameter detection for quality control in manufacturing and processing industries.



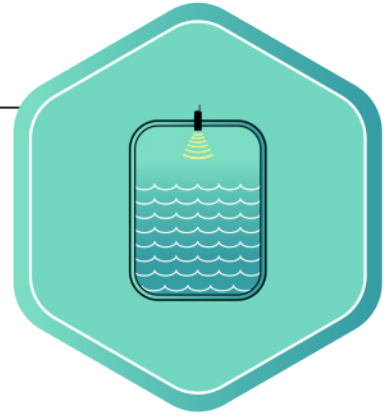
PARKING SYSTEM

enhance parking systems by providing accurate vehicle detection and guidance for efficient space utilization

ULTRASONIC LEVEL SENSOR (SHORT RANGE)

Technical Specification :

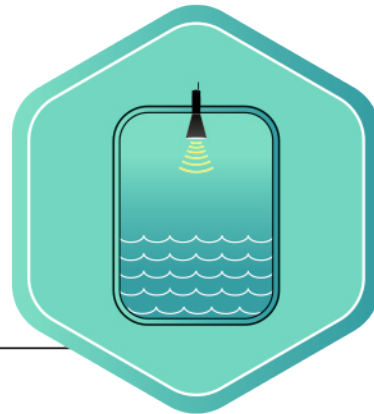
- Sensing Range: 1 Meter to 5 Meter
- Dead Band: 200 mm or 300 mm
- Input: 12V or 24V(DC Supply)
- Output: Analogue current 4-20mA, Analogue Voltage 0-5 V, Analogue Voltage 0-10 V, ON/OFF Signal, Serial TTL, RS-485,RS- 232
- Beam Angle: 30°.
- Operating Temperature: 0 to 65°C
- Accuracy : 1% of the full scale



ULTRASONIC LEVEL SENSOR (MEDIUM RANGE)

Technical Specification :

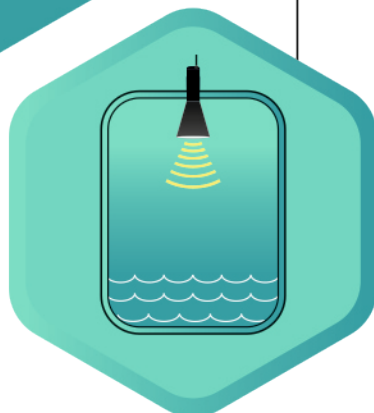
- Sensing Range: 6 Meter to 7 Meter
- Dead Band: 550 mm
- Input: 12V or 24V(DC Supply)
- Output: Analogue current 4-20 mA, Analogue Voltage 0-5 V, Analogue Voltage 0-10 V, ON/OFF Signal, Serial TTL, RS-485,RS-232.
- Operating Temperature: 0 to 65°C
- Accuracy : 1% of the full scale



ULTRASONIC LEVEL SENSOR (LONG RANGE)

Technical Specification :

- Sensing Range: 8 Meter to 10 Meter
- Dead Band: 550 mm
- Input: 12V or 24V(DC Supply)
- Output: Analogue current 4-20 mA, Analogue Voltage 0-5 V, Analogue Voltage 0-10 V, ON/OFF Signal, Serial TTL RS-485,RS-232.
- Dead Band: 550 mm
- Operating Temperature: 0 to 65°C
- Accuracy : 1% of the full scale.

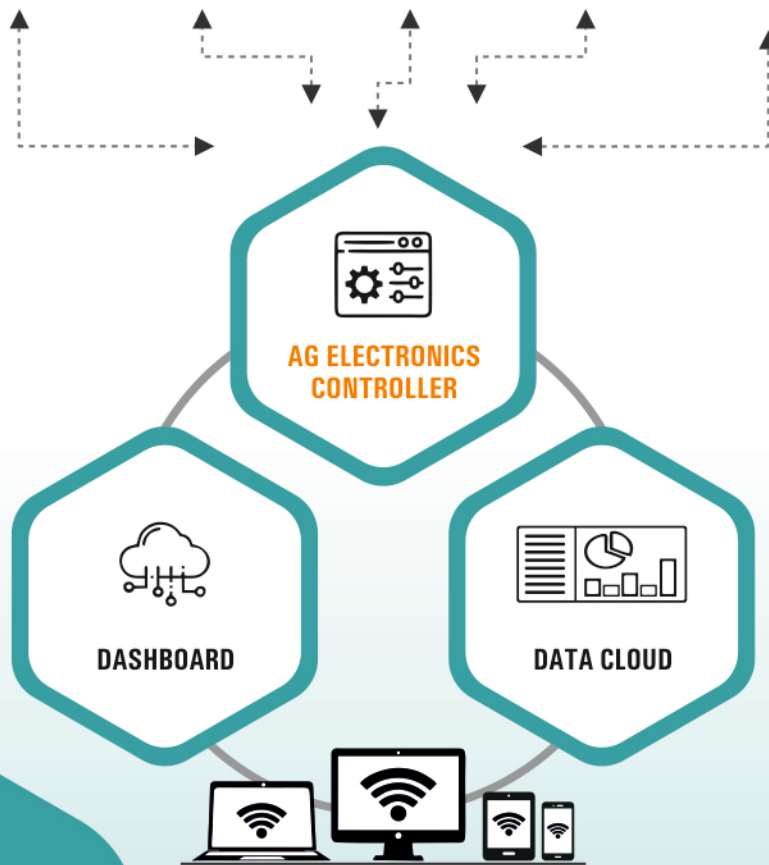
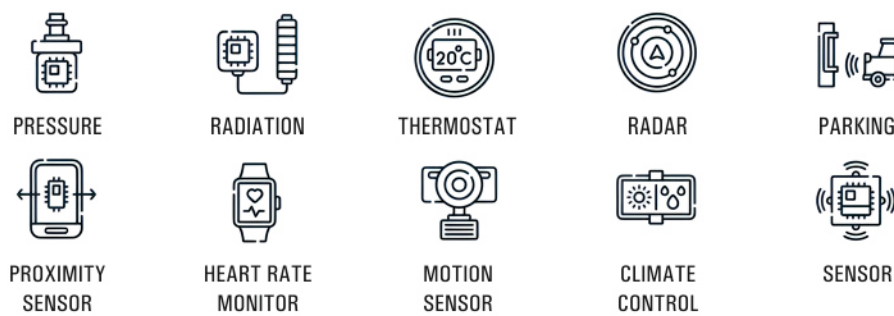


UP COMING PRODUCTS

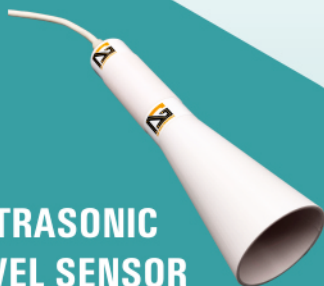
IoT-Based CONTROLLER

An IoT controller is a device or software that enables communication and coordination between different IoT devices, ranging from sensors and smart thermostats to industrial machinery and healthcare equipment.

These controllers act as a bridge between the devices and the cloud or other remote servers, providing a centralized point of control for managing and optimizing the performance of connected devices.



**ULTRASONIC
LEVEL SENSOR**
(Narrow Beam)



OUR CLIENTS



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