

# LOE Web-Enabled Ultrasonic Level Sensors



## Liquid Level Sensor

The LOE ultrasonic sensor line is designed for remote level measurement. Simply plug in your ethernet cable for inexpensive, web-based remote level measurement. Products in this line are fully programmable for various applications, giving the user complete control.

### Features

- Programmable response time
- RS-485 Modbus communication
- LAN embedded webpage

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# LOE Specifications

LOE-2126 & LOE 6126



LOE-3136



## Performance

- Operating Range
  - LOE-2126: 1 - 25 ft. (0.3 - 7.62 m)
  - LOE-3136: 1.5 - 40 ft. (0.46 - 12.19 m)
  - LOE-6126: 7 - 180 in. (0.18 - 4.57 m)
  - LOE-7126: 5 - 144 in. (0.13 - 3.66 m)
- Beam Pattern: 9° off axis
- Internal Temperature Compensation
- Frequency:
  - 69 kHz - LOE-2126, LOE-6126
  - 43 kHz - LOE-3136
- Accuracy: ±0.25% of detected range
- Resolution: 0.1 in. (2.5 mm)
- Response Time: Up to 5 Hz, or once every 200 ms

## Connectivity

- Output:
- Ethernet TCP/IP to internal web page or APG website
  - Two (2) Isolated Solid State Relays (130 mA max)

## Environmental

- Ratings: IP65
- Operating Temp: -40° - 140°F (-40° - 60°C)

## Electrical

- Total Current Draw: 80 mA @ 24 VDC
- Supply Voltage: 24 VDC
- Wiring Connection: 6 conductor shielded cable

## Programming

- Programmable via the APG website or LAN
- User selected units of measure

## Physical

- PVDF transducer housing
- PCB/PET blend upper housing

## Certification

- Class 1 Division 2, Groups A, B, C, D
- IP65