## 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** 

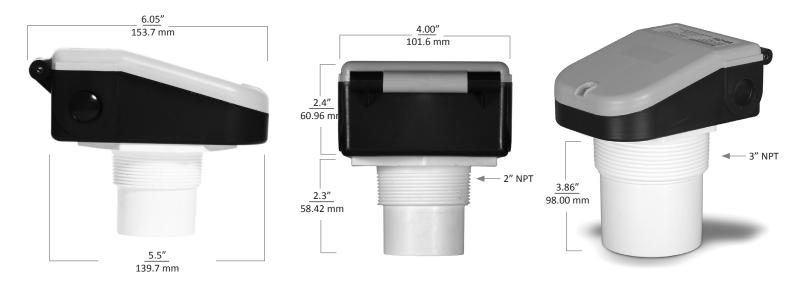
- Programmable response time
- RS-485 Modbus communication
- LAN embedded webpage







## **LOE Specifications**



#### LOE-2126 & LOE 6126

LOE-3136

### Performance

- Operating Range
  IOE-2126: 1 25
  - 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

### Network Physical

- PVDF transducer housing
- PCB/PET blend upper housing

### Certification

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