

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

BINMASTER[®]



Jamieson Equipment Company
www.jamiesonequipment.com
toll free 800.875.0280

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: $\pm 0.25\%$ 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