



# LPU-2127



## Loop Powered Ultrasonic Sensor

With a built-in keypad for easy programming and flexibility, the LPU-2127 provides continuous level/distance measurement you can count on. Its durability, range, and simplicity make it a great sensor for many applications.

### FEATURES

- 1 - 25 ft. (0.3 - 7.6 m) detection range on liquids
- Loop powered 4-20 mA output
- Integrated keypad and LCD display



## LPU-2127 SPECIFICATIONS

### PERFORMANCE

- Operating Range:
  - 1 - 25 ft. (0.3 - 7.6 m) on liquids
  - 1 - 10 ft. (0.3 - 3 m) on solids
- Beam Pattern: 9° off axis
- Internal Temperature Compensation
- Frequency: 69 kHz
- Accuracy:  $\pm 0.25\%$  of detected range
- Resolution: 0.1 in. (2.5 mm)
- Response Time: Dependent on output ranges from 0.6 - 3 seconds

### CONNECTIVITY

- Output:
  - 4-20 mA (loop-powered)
  - 600 ohms @ 24 VDC
  - 150 ohms @ 12 VDC

### ENVIRONMENTAL

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

### PHYSICAL

- Weight: 10 oz. (283 g) typical
- Wetted Materials:
  - 316L Stainless Steel ( $\leq 1,000$  psi)
  - 17 - 4 Stainless Steel ( $> 1,000$  psi)
  - Incoloy ( $> 10,000$  psi)
- Incoloy conforms to NACE MR-01-75 and ISO 15156-3

### ELECTRICAL

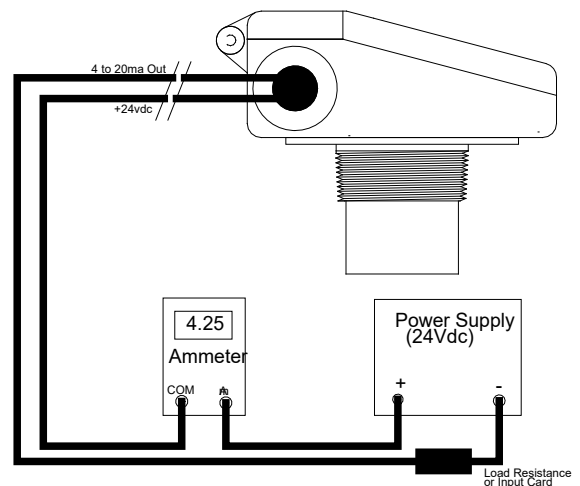
- Cable Connection: 2-terminal connector
- Total Current Draw: 4-20 mA
- Supply Voltage: 12-28 VDC

### PROGRAMMING

- Integrated keypad and LCD display

### CERTIFICATION

- Class 1, Div. 2, Groups C & D
- Class 1, Zone 2, AEx nA IIB T6



## MODEL CONFIGURATION

Model Number: LPU-2127

# **SETTLER**

## Your Gateway to Smarter Monitoring

Settler, APG's next remote monitoring gateway, makes getting real-time level data easier than ever.

Settler seamlessly connects Modbus and 4-20 mA sensors—transmitting encrypted data securely to Explorer, APG's cloud-based interface. View tank and well levels anytime, anywhere, with reliable Ethernet connectivity and robust data security powered by MQTT with AES (Advanced Encryption Standard). Plus, with over-the-air (OTA) firmware updates, your system stays up to date without hassle.

Designed for general-purpose environments, Settler is not intended for use in hazardous areas.

Explorer makes monitoring simple. Access real-time readings, enable datalogging, and set up alarms so you're always informed of critical changes—right from your smartphone, tablet, or desktop.

Save time, reduce costs, and gain peace of mind with remote monitoring powered by Settler and Explorer. Contact us today to learn more or visit [apgsensors.com/settler-remote-monitoring-gateway/](https://apgsensors.com/settler-remote-monitoring-gateway/).

