

LPU-2127 Loop Powered Ultrasonic Level Sensor



Flexible by Design

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

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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: 9º off axis
- **Internal Temperature Compensation**
- Frequency: 69 kHz
- Accuracy: ±0.25% of detected range
- Resolution: 0.1 in. (2.5 mm)
- Response Time: Dependent on output ranges from 0.6 - 3 seconds
- Sample Rate: 3 seconds at 4mA 0.6 seconds at 20mA



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)



Certification

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



Electrical

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



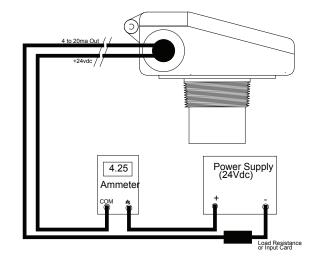
Programming

· Integrated keypad and LCD display



Physical

- PVDF (Kynar®) transducer housing
- · PET upper housing
- Transducer Type: Ceramic, PVDF face



Options

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