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: ±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



- · 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



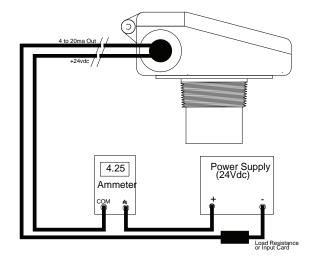
Programming

Integrated keypad and LCD display



Physical

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



Model Configuration

Model Number: LPU-2127

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