

MODEL LPU-2127 Loop Powered Ultrasonic Level Sensor

General Description

The Model LPU-2127 Loop Powered Ultrasonic Level Sensor was designed specifically for environmental monitoring of water level. In a typical installation, the Model LPU-2127 is mounted to a bridge or other structure and measures the distance to the water. The Model LPU-2127 can also be used in stilling wells for river, reservoir, flume, and weir monitoring applications.

Sensor adjustments are accomplished via an integrated keypad and LCD display. Set up is easy and accomplished in minutes.

The Model LPU-2127 sensor housing uses a PET upper and PDVF transducer housing that is fully sealed for use in harsh wet environments.

Features

- Simple to use
- Low cost installation
- Microprocessor controlled
- Self-contained rugged housing
- Low power

Ordering Information

LPU-2127Loop Powered Ultrasonic Level Sensor
LPU-2127-CAdditional Cable, per foot



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Specifications

Operating range:..... 1 to 25 ft.
Supply voltage: 12 to 24 Vdc
Operating temperature:..... -40 to 60 °C
Outputs:..... 0 to 20 mA span 2.1 ft.
Beam pattern: 9° off axis
Accuracy:..... ± 0.25% of range with no temp. gradient
Maximum current drain:..... 20 mA
Diameter: 2 in. NPT
Size:..... 6.05 in. x 4.00 in. x 4.7 in.
Cable connection: 2-terminal connector
Weight: 1 lbs.
Shipping weight: 2 lbs.