

LS-200 Ultrasonic Level Transmitter

Product Description

The LS-200 is a general purpose and innovative ultrasonic liquid level sensor that replaces float, conductance and pressure sensors that fail due to contact with dirty, sticky and scaling liquids in small, medium and large capacity tanks. These liquid level sensors can be used in either open or enclosed tanks. The sensor provides continuous level measurement up to 106 inches (2.7m) with a 4–20mA signal output, RS-485 and Bluetooth® digital output, and can be configured via our uPyxis® mobile and desktop app.

The LS-200 sensor can be powered by a 24VDC external power source via the 10' output and power supply water-proof cable provided. This noncontact liquid level sensor is well suited for corrosive liquids chemical or process tank applications.



Typical Applications

The LS-200 Ultrasonic Level Sensor is ideal for use as a water level sensor, water & process chemical tank level sensor, liquid level transmitter or other applications requiring accurate and continuous liquid level control or liquid level measurement.

Features

- Embedded Transmitters 4–20mA and RS-485 Outputs
- Bluetooth® Version 5.0 for Rapid Wireless uPyxis® Configuration
- 24VDC Powered with Smart Switch Capability
- PVDF Transducer / 6P Polycarbonate Enclosure
- 10ft Water-Proof 7-Pin Quick Adapter / Flying Lead Cable
- Extension Cables Available
- Automatic Temperature / Electromagnetic Noise Compensation



Contact Us at info@pyxis-lab.com for More Information...

Specifications

Item	LS-200
Part Number	54011
Range	4–106in (0.1–2.7m)
Accuracy	±0.15% of Range
Resolution	0.02in (0.5mm)
Dead Zone	4in (100cm)
Configuration	uPyxis® App
Power Supply	24VDC, 2.0W Max
Signal Output	Bluetooth® 5.0, 4–20mA, RS-485 Modbus
Measurement Interval	Continuous (5 Readings per second), Configurable
Enclosure Rating	IP-67
Installation	1in MNPT
Storage Temperature	-4–158 °F (-20–70 °C)
Operational Temperature	14–122 °F (-10–50 °C)
Pressure	14–30psi (0.1–0.2MPa)
Enclosure Material	Polycarbonate
Transducer Material	PVDF
Dimension	4.0in (101mm) Long, 3.0in (75mm) Diameter
Weight	145g (0.32lbs)
Regulation	CE / RoHS

Order Information

LS-200 (Includes 10ft Flying Lead Cable with Adapter)
Water-Proof 10ft Flying Lead Cable with Adapter
25ft Water-Proof Extension Cable
50ft Water-Proof Extension Cable
100ft Water-Proof Extension Cable

Part Number

54011
MA-L10
MA-L25
MA-L50
MA-L100