

ULTRASONIC LEVEL TRANSMITTER

Level Measurement

LMU-RD - LEVEL DIFFERENTIAL CONTROLLER

& Monitoring



DESCRIPTION

LMU-RD level-differential controller is a non-contact liquid level measuring instrument, using the principle of acoustic reflection detection before and after barrier grid level and calculate the difference of liquid level. The LMU-RD is composed of one transmitter and two probes with plastic sealing structure. The unit is completed with auto temperature compensation. It is mainly used in a liquid level difference before and after the water conservancy facilities, such as sewage treatment plant, sedimentation tank, DAMS, etc.

The LMU-RD can be connected to Remox remote monitoring system with RS485 Modbus communication.

TECHNICAL FEATURES

FEATURES

- ✓ Non-contact level ultrasonic
- ✓ Chemical resistant probes
- ✓ Integrated design, simple and menu guided operation
- ✓ Installed conveniently
- ✓ Using Intellectual Signal Treatment Technology
- ✓ 4-20 mA output

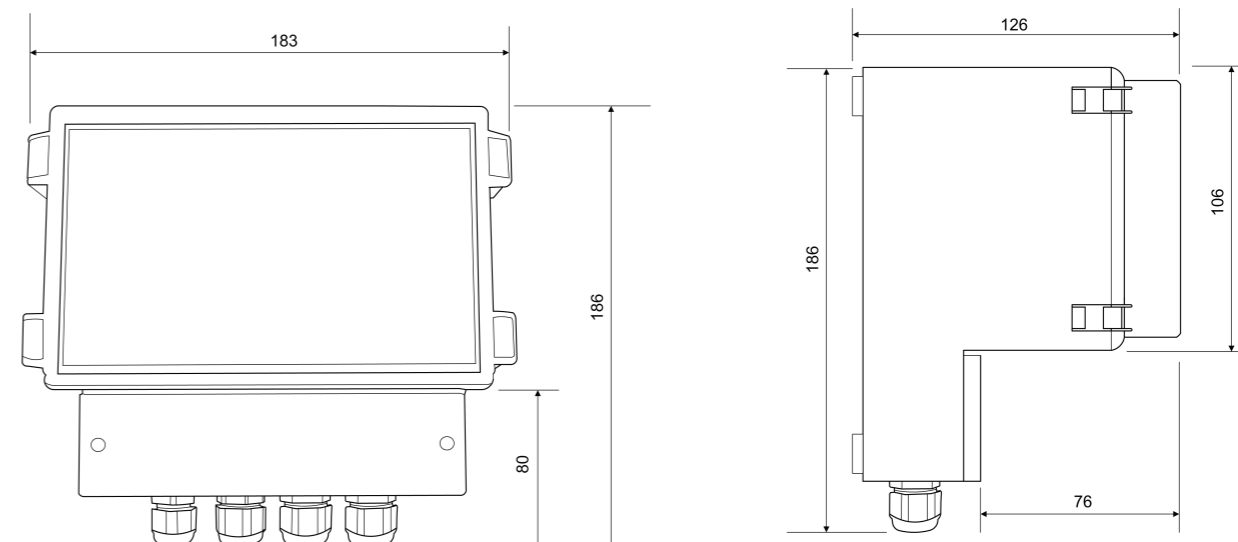
Transmitter

Display	Graphic LCD with 3 buttons
Relay Output	High/low alarm
Analog Output	4 -20 mA
Communication	RS485 Modbus (optional)
Ambient Temperature	-40 to 70°C
Power Supply	220VAC / 24V DC (2-wire)
Protection	ABS, IP67
Installation	Wall mounted

Sensor

Measuring Range	0 to 40 meter (as per user's selection)
Connection	Threaded / Flange
Accuracy	± 0.2% of full span (in air measurement)
Operating Temperature	-40 to 80°C
Pressure	± 0.1 MP
Protection	ABS / PVC / PTFE, IP68

DIMENSION/DRAWING



External Dimension of Transmitter

