

LSU300 SERIES

ULTRASONIC LEVEL TRANSMITTER

FEATURES

- ◎ Simple operation
- ◎ Remote type with touch buttons improves the quality of human-computer interaction
- ◎ Fault self-diagnosis technology, realize real-time fault self-diagnosis
- ◎ A variety of working conditions algorithm selection, improve environmental adaptability
- ◎ High measurement resolution
- ◎ Fast response, the fastest response time:2 seconds
- ◎ Automatic temperature compensation



INTRODUCTION

The LSU series Ultrasonic Level transmitter is a non-contact, highly reliable, and cost-effective solution for material level measurement. Designed for easy installation and minimal maintenance, it effectively meets a wide range of level measurement needs without making contact with the medium. This versatility allows the LSU series to accurately measure the height of various liquid and solid materials, making it ideal for a diverse array of applications across different industries.

APPLICATIONS

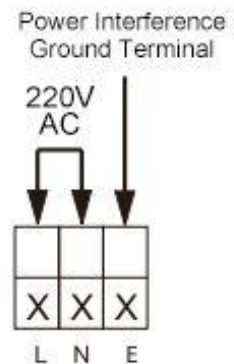
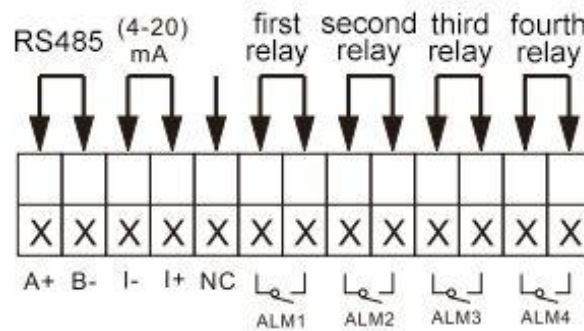
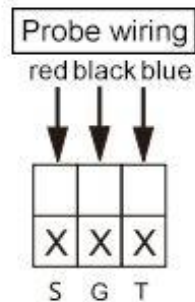
- ◎ Fire water tank
- ◎ Deep well water level
- ◎ River reservoir
- ◎ Engineering pool
- ◎ Sewage/waste water
- ◎ Chemical material

SPECIFICATIONS

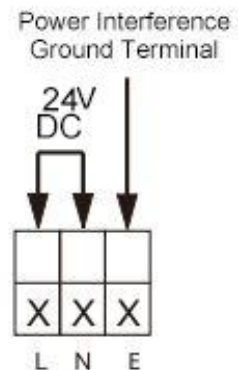
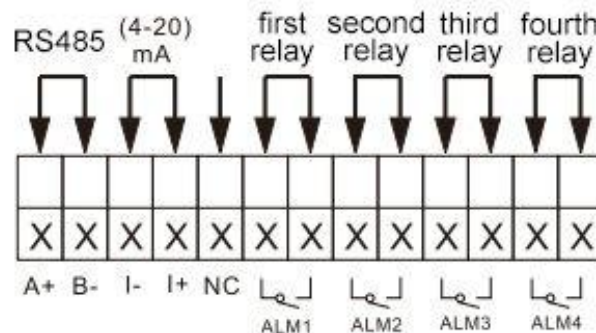
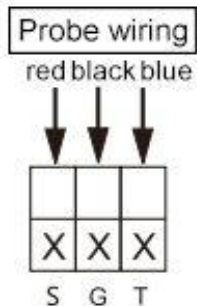
Measure range	5m,10m (Optional)
Blind zone	≤ 0.35m
Beam angle	8° (Range 5m),10° (Range 10m)
Accuracy	0.5%FS
Display	OLED
Display resolution	1mm or 0.1%FS
Power supply	14~28VDC

Power consumption	5W
Output (optional)	4~20mA RL>500Ω (standard) RS485 2 relays (AC: 3A 250V)
Temperature range	-20~60°C
Humidity range	-20~70°C
Ingress protection	(10~85)% (no condensation)
Cable	Back light, dot matrix

WIRING

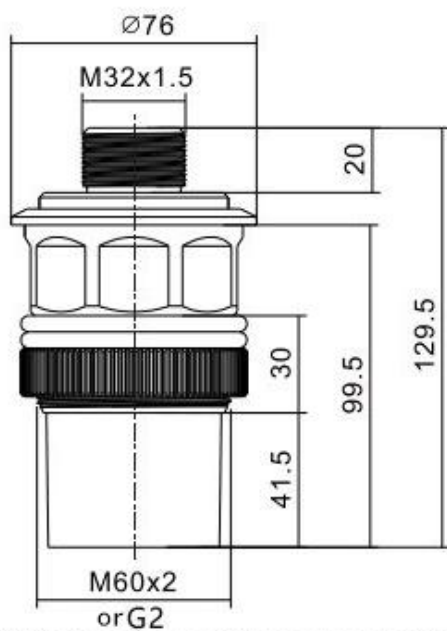
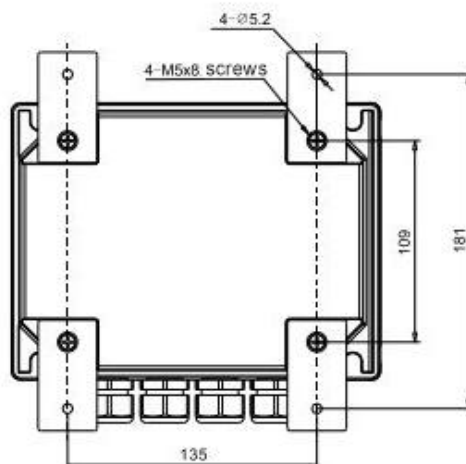
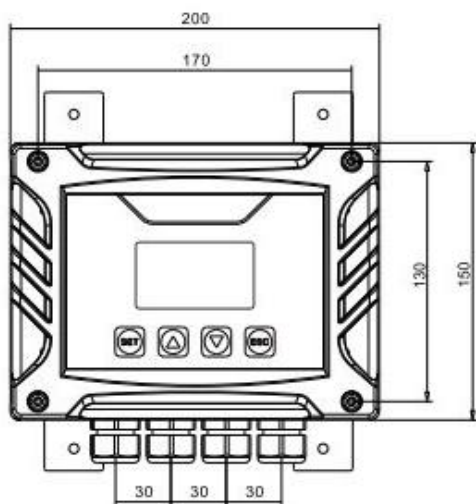


220V Power supply

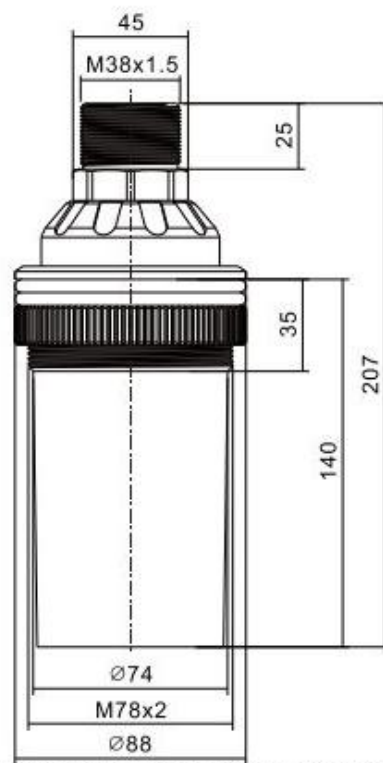


24V Power supply

DIMENSION



M60*2 Thread sensor(Remote type 5m/10m)



M78*2 Thread sensor(Remote type 15m)

ORDER FORMAT

LSU300 - 10MACC2R4210MA

Range	Code
0-5 meters	5M
0-10 meters	10M
0-15 meters	15M

Power supply	Code
14~28VDC	DC
100-240VAC	AC

Code	Output signal
C2	4~20mA

Code	Communication
R4	RS485

Code	Sensor type
Null	Standard
A	Anti-corrosion

Code	Cable length
10M	10 meters
15M	15 meters
20M	20 meters
25M	25 meters

Code	Relay output
2	2 relays
4	4 relays

Example:

LSU300-10MACC2R4210MA, LSU300 series, measuring range 0~10 meters, power supply 220VAC, output signal 4~20mA, no communication, 2 relays output, 10 meters cable, anti-corrosion type.