



0.2%

High Accuracy

Hydrostatic Liquid Level Transmitter

Model : LQ-100

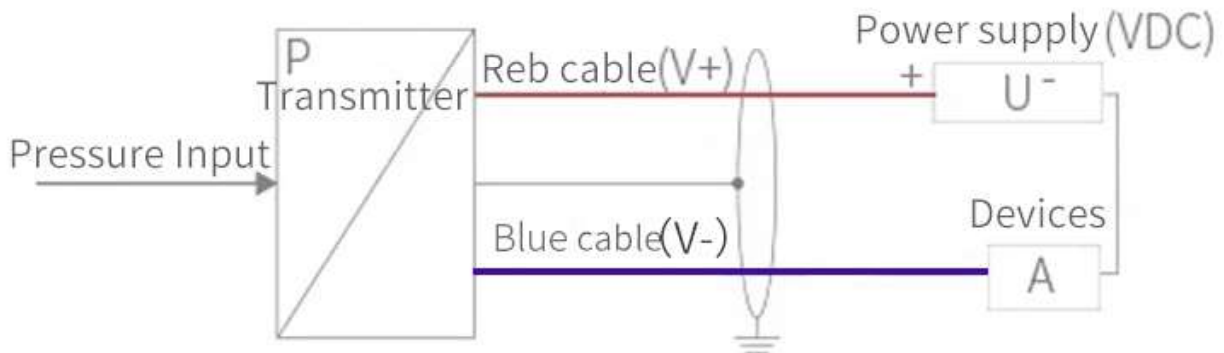
- 0-500m customization;
- 4-20mA; 0-10V; RS485 output;
- 12-28VDC Power Supply;

## Technical Parameters

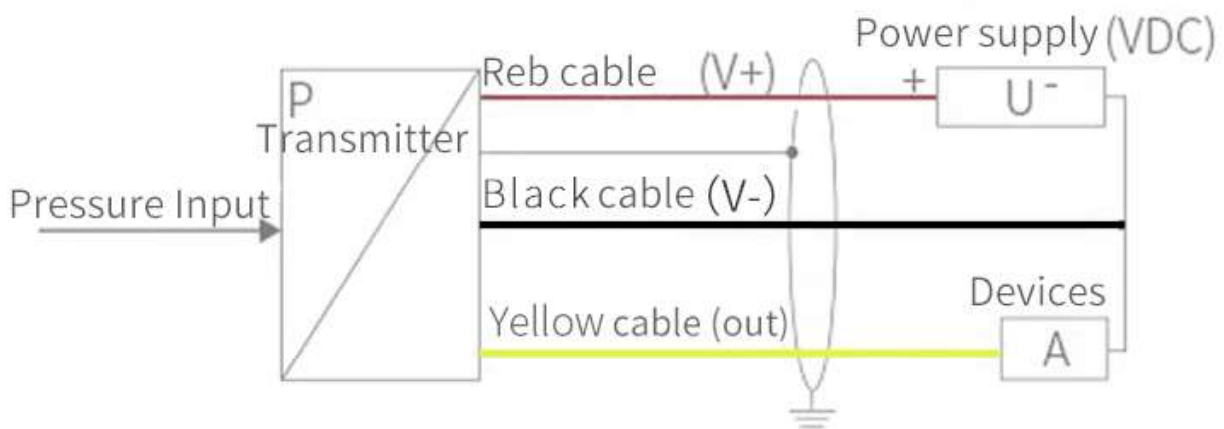
Model	LQ-100 liquid water level sensor
Measuring Range	0~0.5~500m H2O
Power supply	12~28VDC (Standard 24VDC)
Output Signal	4~20mA; 0~5V; 1~5V; 0-10V; RS485
Accuracy	0.2%F.S; 0.5%FS
Response Time	≤1ms (up to 90%FS)
Long-term Stability	±2F.S/Year
Medium Temperature	-20~85
Working Temperature	-40~80
Overload Capacity	200%F.S
Insulation Resistance	100MΩ/250VDC
Sensitivity Drift	±2%F.S
Zero Drift	±2%F.S
Protection	IP68
Measuring Medium	Various medium which is compatible with SS304
Mechanical Vibration	20g (20~5000Hz)
Impact	100g (11MS)
Material	Junction box: Low content Cu-Al alloy Probe: Stainless steel Cable: Polyurethane cable
Application	Static liquid level, Liquid tank, Sewage water, Well, Lake,etc.



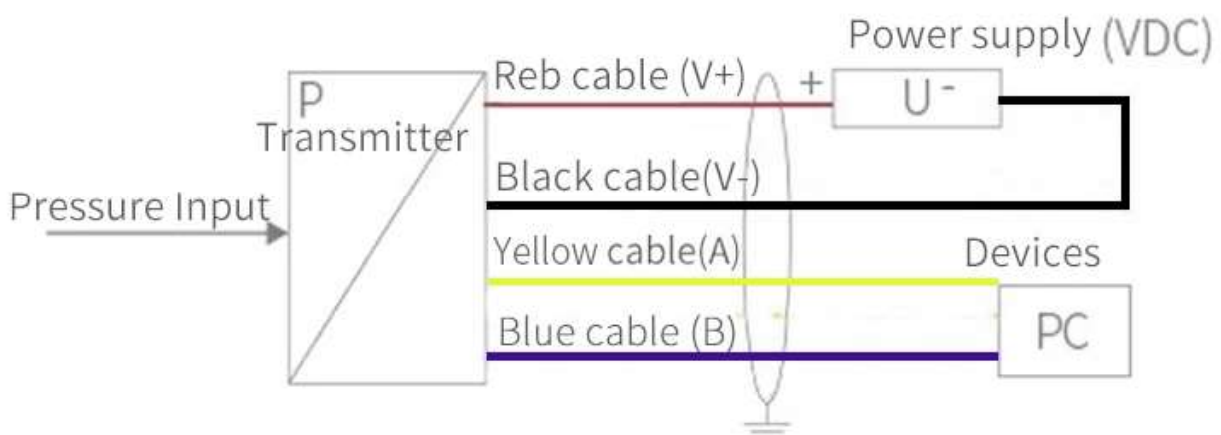
### Wiring Diagram



Current Output (2 wires)



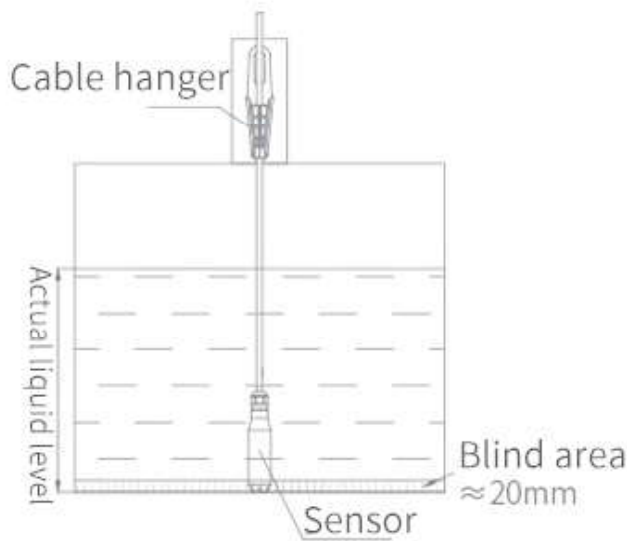
Voltage output (3 wires)



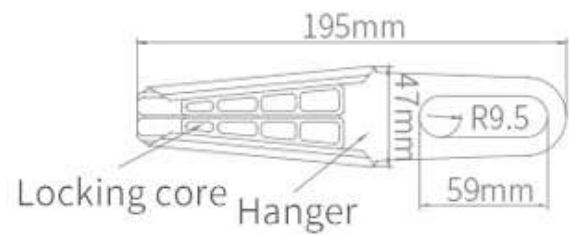
RS485 output (4 wires)



## Installation



Cable Hanger Installation

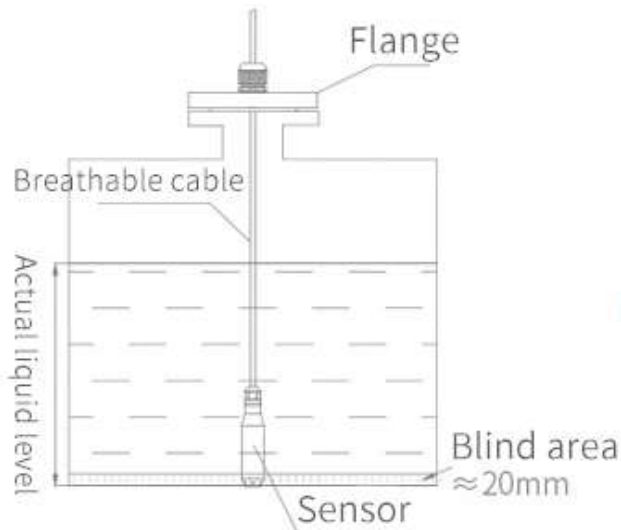


Locking core material: Engineering plastic

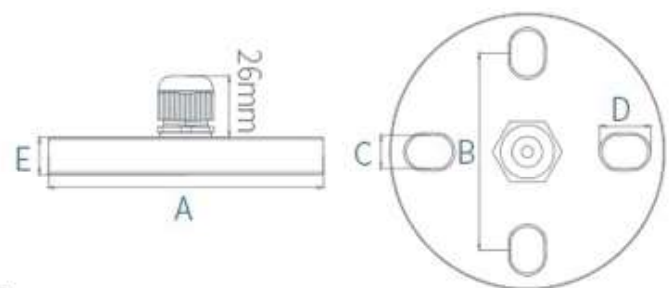
Hanger material: 304 stainless steel

Weight: 110g

Cable Hanger Size



Flange Fixed Installation



Flange Fixed Size