



The ultrasonic level sensor emits a high frequency acoustic pulse from its transducer. The pulse travels through the air gap, reflects against the liquid surface and returns to the transducer. The ultrasonic level sensor measures the pulse time of flight and converts this into level height or distance.

The STUE3003 ultrasonic liquid level sensor is a very practical level measuring sensor with simple installation and convenient on-site commissioning. Not affected by the measured medium. It can measure the liquid level of various mediums with an accuracy of 0.5%. It uses SMD components and ASC chip, which makes the circuit compact and concise. The circuit board is plated and has high stability and long-term reliability. Meanwhile, the shell uses Polypropylene materials with sturdy texture and good acoustic property. The transducer can be used in most working condition sites.

BASIC PARAMETERS	
Range	0~0.5 M...500 M H2O optional
Output	4~20mA, 0~5V, 0.5~4.5V, RS485, RS232, HART
Power Supply	12VDC~30VDC
Accuracy	0.15%F.S, 0.25%F.S, 0.5%F.S optional
Working Temperature	-30°C ~ +85°C
Cable	PE cable with vents
Electronic Connection	Fixed cable and waterproof IP68



- ✓ **PU/PE/PTFE cable**
Can be measure water/diesel /Kerosene/gasoline
- ✓ **Double output customized**
Double RS485+temperature/Double digital output
- ✓ **Low power supply**
7-30v, 3.3v, 5v
- ✓ **Corrosion media housing selection**
316 stainless steel/ceramic /titanium alloy



Side/bottom mounting type for special tanks



19mm small diameter for deep well



For large of viscosity or impurity medium



Submersible level transmitter with display



Wireless IOT system sensor



Ceramic capacitor sensor for corrosion media

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