



YW-10 Ultrasonic Level Meter

YW-10 Ultrasonic Level Meter is microprocessor controlled digital level instrument. Ultrasonic pulses generated by the sensor (transducer) sent in the measurement, the surface acoustic wave after reflection by the liquid or receiving the same ultrasonic receiver transducer, a piezoelectric crystal or a magnetostrictive element into an electrical signal by transmitting and receiving sound waves the time between the sensor to calculate the distance to the measured surface of the liquid. As a result of non-contact measurement, the measured media is almost unlimited, and can be widely used for measuring the height of a variety of liquid and solid materials.

Technical Parameters

Measure range:(0~20)m (Depends on real measure range to choose)

Blind area:0.25m~0.6m

Ranging accuracy :0.3%(Standard conditions)

Ranging resolution:1mm

Pressure: Normal pressure

Instrument display: LCD display liquid level or space distance

Output:(4~20)mA,Alarm: 2 relays

Digital output: RS485 RTU Modbus

Power supply:DC24V/AC220V, Lightning protection device built-in

Temperature : $-20^{\circ}\text{C} \sim +60^{\circ}\text{C}$

Protection interface:IP65

