

## LS-CS10 Ultrasonic Liquid Level Transmitter



### Product Features:

- High protection level
- Strong anti-interference
- Data output is stable and reliable
- Low power consumption
- Strong antistatic
- High measurement accuracy
- Small size, easy installation
- There is an automatic output mode to release the user processor

### Applications:

- Horizontal ranging
- Parking Management System
- Object Approach and Presence Perception
- Intelligent waste bin management system
- Robot obstacle avoidance and automatic control
- Sewer, bottom water level monitoring
- Level measurement

### Product Description

LS-CS10 small range ultrasonic level gauge is a sensor that uses ultrasonic sensing technology for distance measurement. The sensor adopts high-performance processor and high-quality components, the product is stable and reliable, and has a long service life. The sensor uses a waterproof ultrasonic transducer, which has strong adaptability to the working environment. The sensor uses a special probe structure, which is suitable for smaller detection range requirements. This series has a variety of different output methods, and is a high-performance, high-reliability commercial-grade functional sensor with simple operation.

**Technical Parameters**

Supply voltage	3.3~5VDC/5~12VDC
Output signal	UART, PWM, switch, Rs485
Measuring range	30mm-1000mm
Average power consumption	<10mA, standby current can be lower than 10uA
Measurement accuracy	$\pm(1\text{cm}+0.3\%\text{FS})$
Operating temperature	-25°C~65°C
Working humidity	0°RH~80°RH
Protection class	IP65