

Ultrasonic Level Transmitter

This ultrasonic level transmitter is designed for small installation spaces and low-cost applications. It utilizes ultrasonic waves to accurately measure the distance to the target material, providing reliable level readings.



Product Overview

Industrial-Grade Ultrasonic Level Sensing

The SY-ES ultrasonic level transmitter is a high-reliability solution engineered for precise liquid level measurement in confined spaces. Utilizing advanced ASIC technology and comprehensive electromagnetic shielding, it provides consistent performance even in challenging industrial environments. Its compact, waterproof design and standardized installation thread allow for rapid deployment across various tank and equipment configurations.

Key Performance Metrics

Key Performance Indicators

15 m

Maximum Range

0.5 %FS

Max Accuracy

500 mm

Blanking Distance

Technical Specifications

Signal Output Options

- Voltage: 0-5V / 1-5V
- Current: 0-20mA / 4-20mA
- Switch: 1-3 Outputs
- Digital: RS485, RS232, RS422

Physical Construction

Feature	Specification
Beam Angle	9° / 15°
Power Supply	DC 12V / 24V
Mounting Thread	M60 x 1.5
Environment Rating	Waterproof & Dustproof

Compliance and Reliability

Reliability Certifications

Gold-plated PCB, Electromagnetic Shielding, Industrial Aging Tested, Digital Filtering