

Ultrasonic Level Meter with Local Display

This ultrasonic level meter provides local level display. It uses ultrasonic technology for non-contact measurement of liquid or solid levels.



Product Overview

Industrial Ultrasonic Level Measurement

The SY-RS Ultrasonic Level Meter provides non-contact, reliable monitoring for diverse industrial applications including water, beverages, and industrial sugars. Featuring an integrated 4-digit LED display and programmable limits, it allows for seamless on-site calibration and process management. With flexible serial output options like RS232 and RS485, it is designed for integration into sophisticated tank management and automation systems.

Key Performance Metrics

Operational Performance

38500 Hz

Working Frequency

1 Hz

Default Detection Rate

1 mm

Resolution

Technical Specifications

Measuring Range Options

- 1M
- 2M
- 3M
- 5M
- 6M
- 8M
- 10M

Operating Environment

Metric	Range
Operating Temperature	0 to 50°C (Standard); up to -30 to 80°C (Optional)
Storage Temperature	-40 to 85°C

Power Requirements DC 12V/300mA (Standard), DC 24V (Optional)

Available Data Outputs 4-20 mA, 0-5V, 1-5V, RS232, RS485

Physical Characteristics

Unit Dimensions	120 x 120 x 180 mm
Sensor Diameter	49 - 64 mm (Range-dependent)