

Ultrasonic Transit-Time Flowmeter

This ultrasonic flowmeter measures flow rates from 0 to 40 ft/s with 1% accuracy. It provides stable and cost-effective performance for various flow monitoring applications.



Product Overview

Precision Flow Measurement

The SL1168 is a high-performance ultrasonic transit-time flowmeter designed for efficient irrigation and industrial monitoring. Featuring a compact, weather-proof design, it offers reliable flow measurement across various pipe materials including metal, PVC, and lined pipes. With simple clamp-on installation that can be completed in minutes, this device provides intelligent control, self-diagnostics, and high dynamic response for optimized operations.

Performance Specifications

Key Performance Metrics

12 m/s

Max Flow Velocity

1 %

Accuracy

0.3 %

Repeatability

Technical Details

Compatible Pipe Range	1 inch to 48 inches (25mm to 1200mm)
Operating Temperature	0°C to 60°C
Power Consumption	2 W

Connectivity and Outputs

Available Outputs

- OCT pulse (0-10 KHz)
- Relay output
- 4-20mA output (optional)

Communication	RS232, Modbus
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Durability and Environmental

Protection Rating

IP68

Environmental Resilience	Corrosion-resistant, Rust-resistant, Freeze-resistant, Weather-proof
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