

FLOW 55

Electromagnetic Flowmeter for Open Channels and Partially Filled Pipes FLOW 55

This advanced flowmeter represents the cutting edge in liquid monitoring for systems where standard meters typically fail.

Utilizing unique dual-sensing technology, the device combines electromagnetic induction with an integrated ultrasonic sensor to provide highly accurate detection of both liquid level and flow velocity.

Specifically optimized for partially filled pipes, open channels, and gravity-fed systems, the unit achieves an outstanding accuracy of $\pm 2-3\%$ of the actual flow rate.

To ensure seamless integration into modern control systems, the instrument features universal connectivity (4–20 mA, Modbus RTU) with full support for IoT modules. Exceptional durability is guaranteed by an IP68 rating, allowing for permanent immersion of the sensor, while the transmitter is protected to IP65–IP68 standards.



MAIN ADVANTAGES

- Utilizes all the main advantages of the inductive flow meter Flow 38
- When the pipe is fully filled, it operates as an inductive flow meter for low-pressure applications
- Primarily designed for stormwater and wastewater
- Suitable for pipe slopes of 1–4%
- Based on the liquid level and flow velocity, the flow rate is determined at any filling height



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