

ULTRASONIC FLOWMETER



This feature rich device is more than just a flow meter. It can be used with a wide range of fluids, pipe sizes and pipe materials and pipe thicknesses. It has relays, alarm features and outputs, RS485 communications and comes in a rugged controller casing that can be wall mounted. It can be used simply to monitor flow or it can be an integral part of a water management solution. This flow meter will save you time and enable you to be fully informed on your water usage.

Features:

- ✓ Low maintenance due to clamp on transducers
- ✓ Wide range of operating power input including DC24V which is fantastic for remote deployment!
- ✓ Can be monitored and controlled both manually and remotely
- ✓ Advanced totalizer functions
- ✓ Can be used to help determine stock water consumption
- ✓ Customisable set up parameters ensuring the best accuracy
- ✓ Quick and easy installation
- ✓ Can be used with different transducers
- ✓ Free terminal software available



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Technical Specifications

Measuring Principle	Ultrasonic Wave Transmission Time Difference Principle
Accuracy	Better than $\pm 1.0 \%$
Velocity	0.03- \pm 32 m/s
Measurement Period	500mS
Display	Backlit LCD can display 2x20 letters instantaneous flow, cumulative flow, velocity, time
Keypad	4x4-key membrane keypad with tactile feedback
Output	Analogue output 4-20mA or 0-20mA, Impedance 01k Ω Isolated OCT output for frequency output (0-9.999Hz), alarm driver, or totaliser pulse output, ON/OFF control, etc Relay output 1A@125VAC or 2A@30VDC For ON/OFF control, alarm driver, totaliser output, etc
Internal Alarm (Buzzer)	User programmable
Communication	RS-485
Power	AC: 240V DC: 8~36VDC
Power Consumption	< 2W
Work Time	Continuous
Environment Temperature	-30-80 Degrees Celsius
Weight	3kg
Enclosure	Die-Cast Aluminium enclosure Ip65, dimension; 251*192*80mm
Clamp-on Type Sensor	S1 type: for pipe size DN15-100mm M1 type: for pipe size DN50-700mm L1 type: for pipe size DN300-6000mm S1H type: for pipe size DN15-400mm M1H type: for pipe size DN50-700mm

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