



Micronics Ultraflo U1000MKII-FM Ultrasonic Pipe Clamp-on Flow Meter

Product Images



Short Description

The Micronics U1000MKII-FM is a Fixed, clamp-on, pipe mounted, ultrasonic flow meter, which delivers significant installation savings and non-invasive, dry servicing benefits for pipe sizes ranging from 22mm – 180mm (6") OD.

Description

Key Features

- Simple to install – connect power and enter the pipe inside diameter, adjust the sensors and clamp-on the pipe. No specialist skills or tools required!
- Compact, rugged and reliable, the U1000MKII-FM has been designed to provide sustained performance in industrial environments
- Dry servicing, providing minimum downtime and maximum availability.
- Larger pipe range 2 options, fully adjustable for 22mm – 115mm and 125mm – 180mm (6") OD
- Optional Modbus RTU slave and RS485 serial communication.
- Cross correlation flow measurement system
- 1Mhz transducers to get through poor/old thick wall pipes and larger pipework
- Water/Glycol option
- LCD with backlight – install & service information.
- Integrated pulse and optional 4-20mA output – aM&T & BEM's compatible with Modbus
- Optional native BACnet MS/TP support for direct integration with BMS platforms.

The new alternative to cutting pipes and mechanical meters, for simple, low cost flow measurement from outside the pipe!

APPLICATIONS

- Hot water metering and flow measurement.
- Flow measurement for heat metering
- Chilled water metering and flow measurement
- Flow measurement for chilled water energy metering
- Potable water metering and flow measurement
- Process water metering and flow measurement
- Ultrapure water measurement.

INDUSTRIES: Building Services, Energy Management, Water Treatment, Chemical, Pharmaceutical, Petrochemical, Food

RECOMMENDED FOR: Hot water < 85°C (185°F), Chilled water, Potable water, Demineralised water, Chilled water with glycol

PIPE MATERIALS: Steel, Stainless Steel, Plastic and Copper.

Additional Information

Country of Manufacture	United Kingdom
Brand	Micronics
Typical applications	Building Monitoring, Building Performance, Energy, Food Processing, HVAC, Pharmaceutical, Waste Water
Measurements	Water Flow
Installation	Includes transducer guide rail and all mounting hardware.

Additional Options

Electronics Options	Pulse Only, up to 4" pipe (SKU: MC804-11001400)
	Pulse Only, up to 6" pipe (SKU: MC804-11004600)
	With Pulse & 4-20mA, up to 4" (SKU: MC804-11001401)
	With Pulse & 4-20mA, up to 6" (SKU: MC804-11004601)
	With Pulse & BACnet, up to 4" (SKU: MC804-11001406)
	With Pulse & BACnet, up to 6" (SKU: MC804-11004606)
	With Pulse & Modbus, up to 4" pipe (SKU: MC804-11001402)
	With Pulse & Modbus, up to 6" pipe (SKU: MC804-11004602)
	With Pulse & M-bus, up to 4" pipe (SKU: MC804-11001403)
	With Pulse & M-bus, up to 6" pipe (SKU: MC804-11004603)
Optional 12V Wall Power Supply	U1000 12V Wall Power Supply