

Compact Ultrasonic Flowmeter

Cost Effective, Compact & Adjustable Design, Non-Invasive



(Front view)



(Side view)

Models Select Chart

Model	Description
UFM-1	Compact ultrasonic flow meter.

Specifications:-		
Service	:	Clean water with <3% by volume of particulate content.
Range	:	0.33 to 32.8 ft/s (0.1 to 10 m/s).
Display	:	Backlit: 3.27" H x 0.74" W (83.1 mm x 18.8 mm), 2 line x 16 characters.
Accuracy	:	±3% of flow reading for > 0.98 ft/s (> 0.3 m/s).
Power Requirements	:	12 to 24 VDC or VAC.
Power Consumption	:	7 W max.
Temperature Limits	:	Process: 32 to 185°F (0 to 85°C); Ambient: 32 to 122°F (0 to 50°C).
Outputs	:	Analog: 1 opto-isolated: 4 to 20 mA; Error current: 3.5 mA; Load resistance: 620 Ω max; Pulse: 1 opto-isolated MOSFET relay, 500 mA max, 166 pps max, 200 Hz max.
Enclosure Rating	:	IP54.
Enclosure Material	:	Plastic polycarbonate.
Repeatability	:	±0.5% of measured value.
Electrical Connections	:	16.4' (5 m) cable.
Response Time	:	< 1 s.
Weight	:	2.9 lb (1.315 kg).
Agency Approvals	:	CE.
ADDITIONAL SPECIFICATIONS:		
Applicable Pipe Material	:	Steel, copper, or plastic.
Pipe Outside Diameter	:	0.98 to 4.62" (24.89 to 117.35 mm).
Applicable Pipe Lining	:	None.
Pipe Wall Thickness	:	0.02 to 0.39" (0.5 to 10 mm).