

UltraFlo® 5000

Ultrasonic Flow Meter

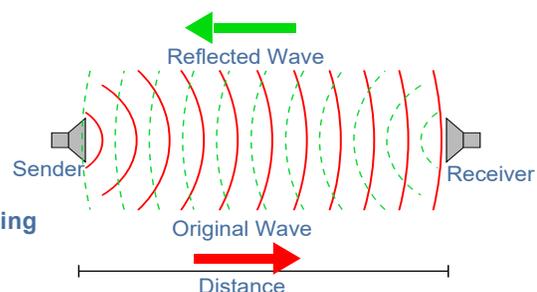


- Measures Dosing | Pulsating Flow
- No Moving Parts
- Ultra Low Flow Applications

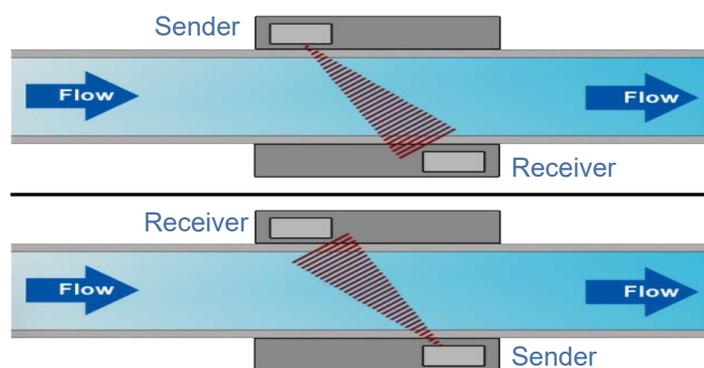


Soundwave Technology

- 250 Pulses/sec
- No Moving Parts
- Full-Port Design
- Piezo-Type Sensing Transducers



Working Principle



DfcXi Wi8 YgW]dhçb

The UltraFlo® 5000 Flow Meter utilizes ultrasonic technology to measure both conductive and non conductive liquids, and is an excellent choice for very corrosive liquids such as strong acids and alkalis.

The UltraFlo® 5000 has no moving parts and can measure pulsating, dosing and metering flow applications. All parts that contact the liquid are made of corrosion resistant PE.

The UltraFlo® 5000 is characterized by its high measurement accuracy, repeatability and guaranteed long-life performance.

Blind Display Option

- Output to a PLC or Remote Display
- RS-485 | 4-20mA + Pulse Relay Output
- NEMA 4X



Features

- All Plastic PE Wetted Materials
- High Accuracy: $\pm 1.0\%$
- M12 Quick Disconnect
- Superior Corrosion Resistance
- 4-20mA + Pulse Relay Output | RS-485
- Negligible Pressure Drop
- Empty Pipe Alarm
- Air Bubble Detection



General

Material	PE		
Protection Class	IP67 NEMA 4X		
Medium Temperature	0 - 60°C 0 -140°F		
Measuring Range GPM LPM	0.005 - 0.8 0.2 - 3.0	0.02 - 1.6 0.09 - 6	0.08 - 6.3 0.3 - 24
Max. Pressure Non-Shock	100 psi 7 bar	100 psi 7 bar	100 psi 7bar
Dimensions L W H mm	168 147 50	168 147 50	171 147 50
Weight PE lbs	1.4	1.4	1.6
Weight PVDF lbs	2.4	2.4	2.6

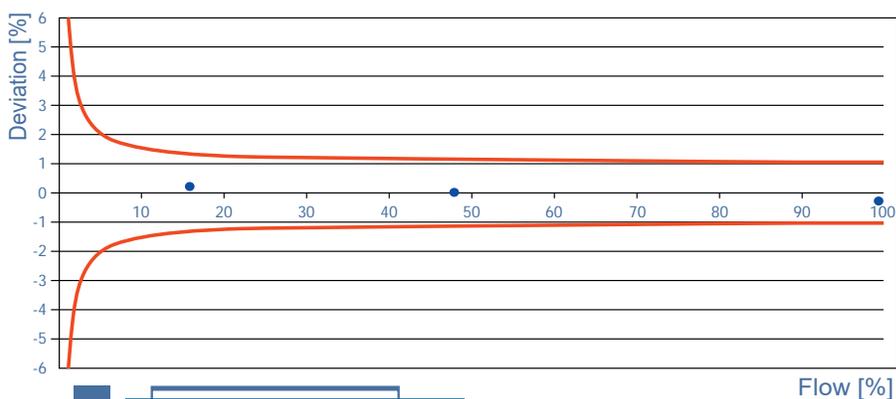
Process Connection

Outside Thread	½"	¾"	1"
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Electronics

Power Supply	24VDC 3.6W
Connection	M12
Output	4-20mA + Pulse Relay RS-485

Measuring Points



Model Selection

Size	Part Number	Material
½"	UFM-5000-50	PE
¾"	UFM-5000-75	PE
1"	UFM-5000-100	PE

Application Example

