

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



Polysulfone Body

Bright LCD

Display

Flow Rate |

Flow Total

DfcXi Wi8 YgW]dñcb

The UltraFlo® 4000 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® 4000 has no moving parts and can measure pulsating, dosing and metering flow applications. All parts that contact the liquid are made of corrosion resistant Polysulfone.

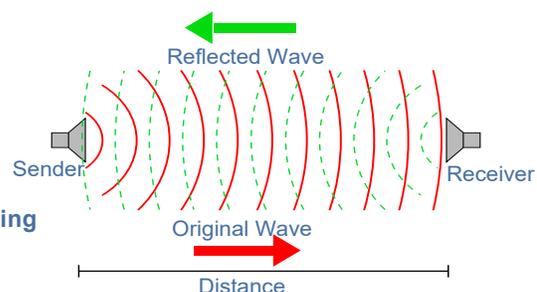
The UltraFlo® 4000 is characterized by its high measurement accuracy, repeatability and guaranteed long-life performance.

PSU

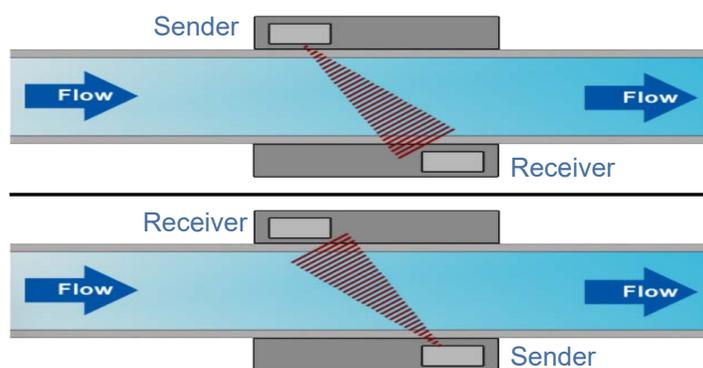


Soundwave Technology

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



Working Principle



Blind Display Option

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



Features

- All Plastic Polysulfone 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	Polysulfone			
Protection Class	IP67 NEMA 4X			
Medium Temperature	14 -176°F -10° - 80°C			
Measuring Range GPM LPM	0.08 – 5.5 0.3 - 21	0.02 – 9.5 0.9 - 36	0.9 – 15.8 3.5 - 60	1.3 – 63.4 5 - 240
Max. Pressure Non-Shock	145 psi 10 bar	145 psi 10 bar	145 psi 10 bar	145 psi 10 bar

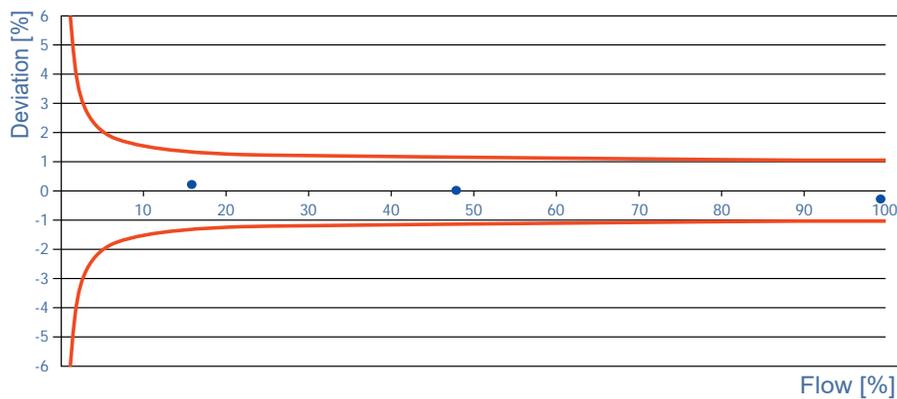
Process Connection

Outside Thread	½"	¾"	1"	1¼"
Weight lbs	1.0	1.0	1.3	1.3

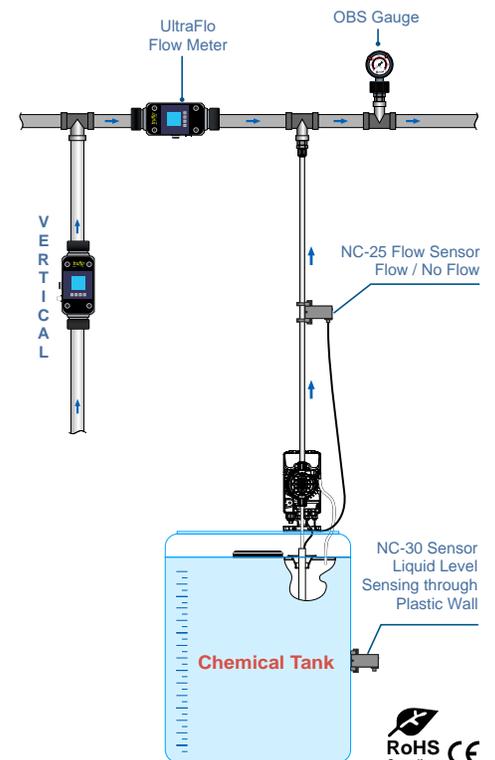
Electronics

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

Measuring Points



Application Example



Model Selection

Size	Part Number	Material
½"	UFM-4000-50	PSU
¾"	UFM-4000-75	PSU
1"	UFM-4000-100	PSU
1¼"	UFM-4000-125	PSU