ULTRAFLO 4000

Multi-Function Ultrasonic Flow Meter

- **Measures Continuous | Dosing | Pulsating Flow**
- **Ultrasonic Measurement**
- **No Moving Parts**
- **Ultra Low Flow Applications**

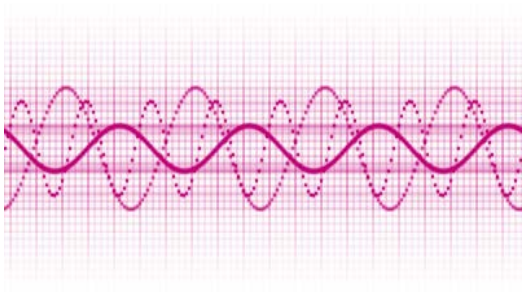
PSU

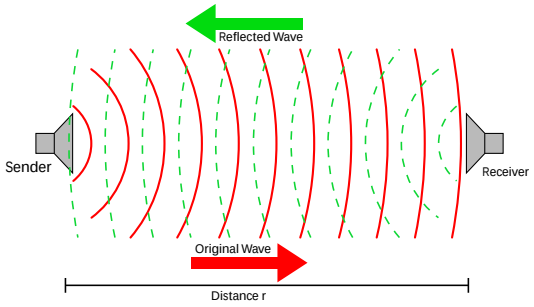
RoHS Compliant CE

SERIES : ULTRAFLO 4000
CONNECTION : NPT | G | Socket



Sound Wave Technology





FEATURES

- No Moving Parts
- True Union Ends Available
- Heavy Duty Design
- Completely Corrosion Resistant
- RS-485 Output
- Displays Flow Rate | Total
- 4-20mA Output + Pulse Relay
- Air Bubble Alarm
- IP65 Enclosure
- Negligible Pressure Drop

DESCRIPTION

The UltraFlo 4000 utilizes ultrasonic technology as is capable of measuring both conductive and non conductive liquids, It is an excellent chose for very corrosive liquids such as strong acids and alkalies. The UltraFlo 4000 has no moving parts and has been engineered to measure pulsating, dosing as well as metering flow. All parts that contact the liquid are made of corrosion resistant Polysulfone.

ULTRAFLO 4000

Multi-Function Ultrasonic Flow Meter

Housing

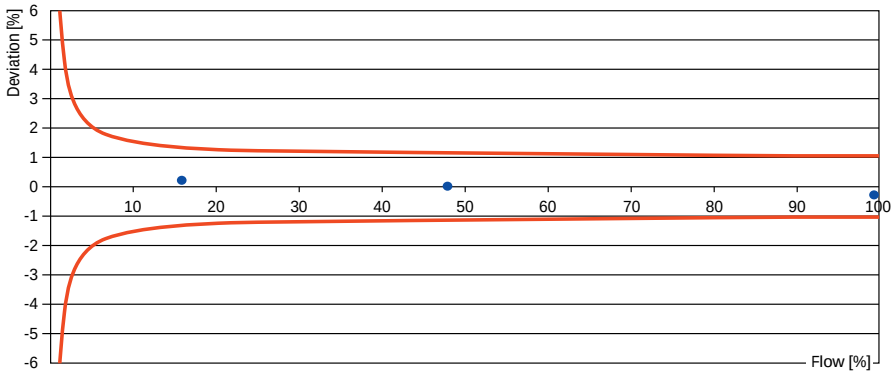
Material	PSU (Polysulfone)			
Protection class	IP67 | NEMA 4X			
Medium temperature	-10° - 80°C | 14 -176°F			
Measuring Range	**0.3 – 21 LPM | 08 - 5.5 GPM**	**0.9 – 36 LPM | 0.24 - 9.5 GPM**	**3.5 – 60 LPM | 0.92 - 15.8 GPM**	**5.0 – 240 | 1.32 - 63 GPM**
Max. pressure (Non-Shock)	16 bar | 232 psi	16 bar | 232 psi	10 bar | 145 psi	10 bar | 145 psi

Process Connection

Outside thread G or NPT	½"	¾"	1"	1¼"
Weight	350g	350g	450g	450g

Electronics

Power supply	24VDC | 3.6W
Connection	M12x1 plug 5 or 8 Pin (Plastic).
Outputs	Current output configurable 0-20mA | 4-20mA Digital pulse output or empty pipe alarm
Input	Digital Input for dosing start or counter reset
Communication interface	Data interface (1 wire) RS-485 (2 wire) (Option)
Max. error of measurement	±1%
Repeatability	± 0.05%
Material	PSU (Polysulfone)
Protection class	IP65 | NEMA 4X



Example: Measuring points of a calibrated Truflo 4000 Flow



Size	Part Number	Material
½"	UFM-4000-50	PSU (Polysulphone)
¾"	UFM-4000-75	PSU (Polysulphone)
1"	UFM-4000-100	PSU (Polysulphone)
1 ¼"	UFM-4000-125	PSU (Polysulphone)

RoHS Compliant CE