

Multi-Function Ultrasonic Flow Meter

Measures Continuous + Dosing + Pulsating Flow

All Plastic Ultrasonic Measurement Technology-Plug & Play



Features

- Industry's Toughest All Plastic Ultrasonic Flow Meter
- True Union Ends (Option)
- Heavy Duty Design; Simple to Install
- Completely Corrosion Resistant
- RS-485 Output, 4-20mA
- Display Flow Rate + Totalizer
- 4-20mA Output + Pulse Relay
- Fit & Forget
- IP67 Enclosure
- Negligible Pressure Drop
- Empty Pipe Alarm

The UltraFlo 4000 is a Flow Meter Uses ultrasonic technology to measure both conductive and non conductive liquids, and is an excellent chose for very corrosive liquids such as strong acids and alkalis. UltraFlo has no moving parts and can measure pulsating, dosing and metering flow applications. All parts that contact the liquid are made of corrosion resistant Polysufon. The UltraFlo 4000 is characterised by its high measurement accuracy and Its Heavy Duty Design.



Housing

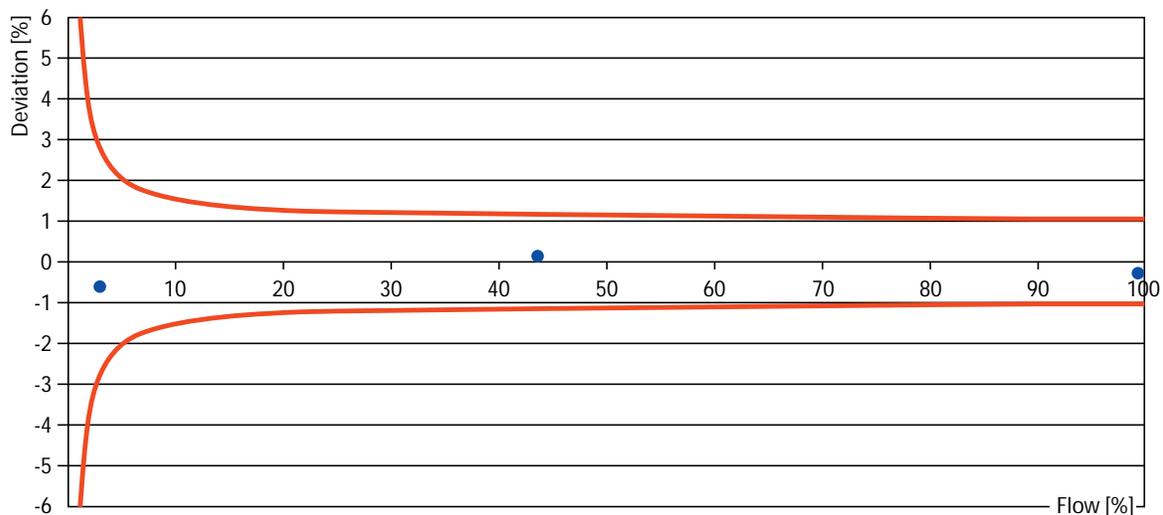
Material	PSU (Polysulfon)			
Protection class	IP67 NEMA 4X			
Medium temperature	-10° ... 80°C 14 - 176°F			
Measuring Range	0.3 - 21 LPM 08 - 5.5 GPM	0.9 - 36 LPM 0.24 - 9.5 GPM	3.5 - 60 LPM 0.92 - 15.8 GPM	5.0 - 240 1.32 - 63 GPM
Max. pressure	16 bar 232 Psi	16 bar 232 Psi	10 bar 145 Psi	10 bar 145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

Process connection

Outside thread G or NPT	1/2"	3/4"	1"	1-1/4"
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 (Polysulfon)
Protection class	IP67 Neam 4X



Example: Measuring points of a calibrated Truflo in error graph according definitions