ULTRAFL0 4000
Multi-Function Ultrasonic Flow Meter

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

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.
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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
- **Max. pressure (Non-Shock)**: 16 bar / 232 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)          |
1¼"      | UFM-4000-125     | PSU (Polysulphone)          |

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