



Series 6610 : Inline Positive Displacement Flowmeter

Legal Metrology Model Approved high precision Flowmeters for water and non-hazardous liquid flow measurement.



Technical Specifications

Sizes	DN 25/40/50/80
Flow range	60 LPH to 30,000 LPH
Accuracy	±0.1% of reading
Repeatability	Better than ±0.1% of reading
Maximum Operating Pressure	25 bar
Operating Temperature	150°C max
Filter Mesh	100 micron SS mesh
Display parameters	<ul style="list-style-type: none"> • Current Totalizer (resettable) upto 1 million litres • Cumulative Totalizer upto 1 million litres • Instantaneous flow rate
Enclosure Mounting	Integral / Remote mounted
End connections	Threaded – BSPF / NPT Flanged – BS 10 Table F TC
Material of Construction	Wetted parts – SS304 / Piston – PEEK Seals – Teflon
Output Options	<ul style="list-style-type: none"> • RS485/Modbus RTU • 4-20 mA Analogue • Pulse output • Wireless data

Applications

- DM Water
- RO Water
- Purified Filter
- Solar Hot Water
- Boiler Feed Water
- Boiler Condensate Water
- Drinking water

Introduction

The Fluidyne P.D. flowmeters are based on the time-tested oscillating piston mechanism. A single moving component in the assembly ensures extremely reliable operation for long periods. Straight through flow pattern ensure minimum pressure loss.

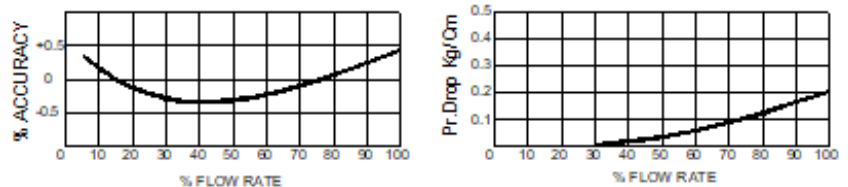
Use of state of the art solid state magnetic sensor, ultra-low powered electronics, provides for all the simplicity of a mechanical P.D. meter and the reliability of electronic sensing and read outs.

Fluidyne's Positive Displacement flowmeters do not require straight lengths or stable and laminar flow profiles because volume is directly measured and not inferred from flow rate in the line.

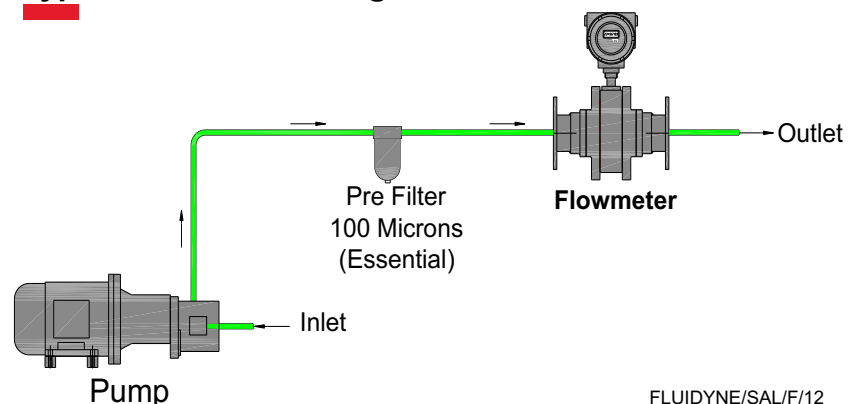
Features

- Wide operating flow range of 60 to 30,000 LPH
- Flanged / Threaded / TC end connections available
- Accuracy of ±0.1% of reading
- Inline design for ultra-low pressure drop
- Maximum operating temperature 150 °C
- Maximum operating pressure of 25 bar
- Optional battery powered electronics
- Weatherproof IP65 enclosure
- Outputs such as RS485 / Modbus / 4-20 ma / Pulse / Wireless Data

Typical Accuracy & Pressure Drop Characteristics



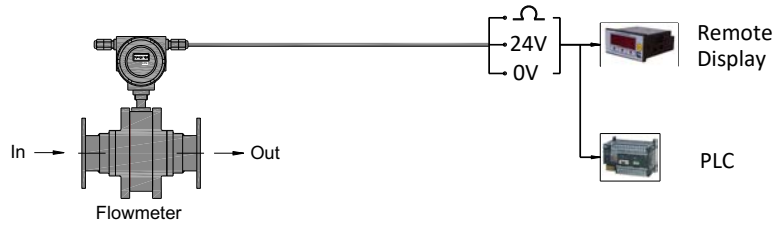
Typical Installation Diagram



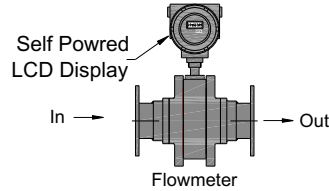
Application Variants

6610 Output Options:

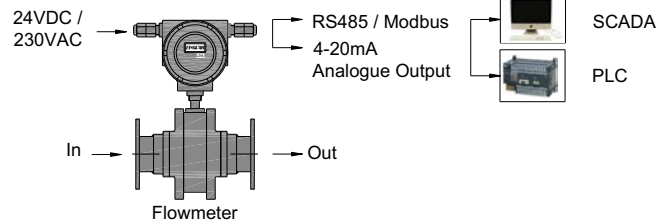
Pulse Output



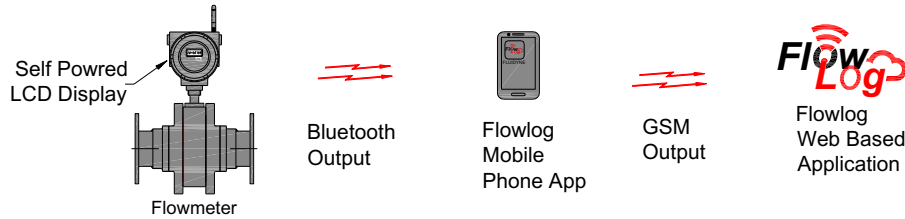
Battery Powered LCD Display Module



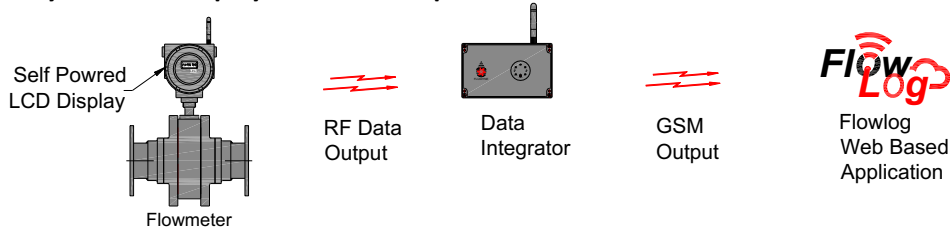
AC 230 / 24 DVC Powered Module With RS485/MODBUS/Analog Output



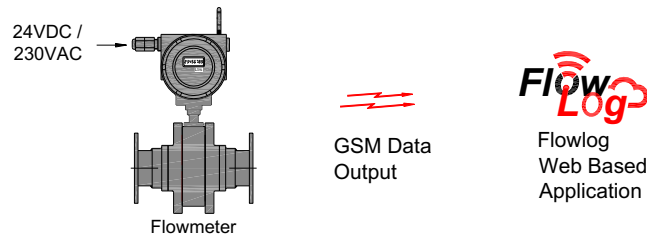
Battery Powered Display With Bluetooth Data Output



Battery Powered Display + RF Data Output



AC230/24VDC Powered Display + GSM Wireless Data Output



R01

