



**Seadraulics**  
Subsea Fluid Mechanics

## POSITIVE DISPLACEMENT FLOW METER



### FEATURES

- **High Accuracy and Repeatability:** This flowmeter offers precise volume and flow rate measurements, making it ideal for applications involving viscous liquids.
- **Wide Flow Rate Range:** It can measure flow rates from 0.2 to 80 liters per minute (LPM), accommodating a variety of flow conditions.
- **High Pressure Capability:** With a pressure rating of up to 400 bar, it is suitable for high-pressure applications.
- **TTL Pulsed Output:** The flowmeter provides a TTL pulsed output that can be easily interfaced with any counter input for accurate volume and flow rate measurements.

### DESCRIPTION

Seadraulics positive displacement flowmeter is the optimal solution for applications that involve viscous liquids such as lubricating/hydraulic oils, diesel fuels, chemicals, solvents, resins, and pastes. This type of flowmeter measures the volume of liquid that passes through it by dividing it into discrete units and counting them. A positive displacement flowmeter offers high accuracy, repeatability, and reliability in measuring viscous liquids.

The flow meter has a TTL pulsed output that can be interfaced to any counter input that will give accurate volume and flow rate measurements.

Whilst the flow meter does have an arrow for the direction, it will read in either direction, but accuracy is better in the direction marked on the flow meter.

### TECHNICAL SPECIFICATIONS

Flow rate:	0.2 to 80 LPM
Pressure:	400 bar
Typical K-factor:	1000 Pulses/Litre
Connections:	½" BSPP
Output:	TTL, 20mA max
Supply Voltage:	9-24VDC
Filtration minimum:	50µM



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