

# Oval Wheel Meters Flow Transmitter



## Features

- Direct Measurement of volume respective of volumetric flowrate
- Measurement at high viscosities
- High Accuracy with low pressure drop
- Pulse and current outputs for remote transmission
- 2-wire systems available



The PD Meters offer trouble free operation in various liquids such as

- Fuels - Diesel, Petrol, HSD
- Furnace Oil
- Lube Oil
- Solvents
- Refined Petroleum Products
- Liquefied Gases
- Chemicals

And many more!

Oval wheel meters are direct volume meters. Their measuring element consists of two toothed precision oval wheels, which are driven by the liquid and roll around each revolution of the oval wheel pair. Each revolution of the oval wheels displaces a precisely known volume of liquid through the meter, from inlet to outlet. The number of revolutions therefore is directly proportional to the measured volume. The pulses generated by a

pulse transmitter with high pulse resolution are processed in the electronic converter/digital indicator (Litres, Cubicmeters, Gallons etc.)

Accessories available include:

- Strainer
- Gas Separators
- Flow Rate indicator
- Pulse Amplifiers/Scalers/Convertors
- Pulse Counters/Totalizers
- Batch Controllers
- Heat Extension

### Technical Specifications

Line Size	:	15 NB to 150 NB
Accuracy	:	±0.5% or Better of Flow Range
Outputs	:	Pulses, 4-20 mA
Viscosity	:	0.3 to 100,000 CP
Temperature	:	Maximum 110° C, Optional : 180° C
Pressure	:	Upto 40 bar

*We reserve the right to modify the technical data without prior notice.*



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