

POSITIVE DISPLACEMENT METER



Advantages over Conventional

Floating Type Rotors

Excellent performance on viscous fluids

No metal to metal contact

No Deposition of solids at the bottom parts

No special tools required

No internal Adjustment required

No periodical Maintenance/functional required

No subject to air slug/water hammer damage

Very Simple Design

No Skilled worker required

Our PD Flowmeter allow an accurate measurement either of the flow rate either of the volumes flown (integrated flow rate) of practically all the liquids industrially utilized. They may be used for custody transfer purposes, operating controls and for the many other needs of the petroleum, chemical, pharmaceutical industry, etc.

ABOUT US

Potentia with over 25 year of experience employing advanced and high-performance practices in Oil & Gas sector is very well aware of vitality of why Natural gas should be odorized prior to its transport

OUR OFFERINGS

PD Flow meters, the volumetric instrument to measure the quantity of flowing liquid directly by means of couple of rotors. Our product range includes the following in various materials complying with the need of individual

- Single Casing PD Flow Meter
- Double Casing PD Flow Meter
- Batch Controller
- Basket Strainers
- Temperature Transmitter
- Totalizer
- Flow Control Valves

The rotors of our PD flowmeters are of "floating" type, i.e., they never touch each other but are synchronized by means of a couple of timing gears mounted outside the inner casing, hence required less maintenance as compared to the conventional one.

The rotors are not therefore subject to wear which means that the PD flowmeter does not need any re-calibration with the time due to the wear of the parts composing the "base volume" and that the maintenance is reduced to a real minimum.

All our products are MID approved for custody transfer applications and available in both explosion protected and non protected versions



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