

PD Flowmeters

PD Flowmeter Milliflow M31/32

Flowmeter Milliflow M31 & M32

Flow Rate up to 200 l/min.
Accuracy to $\pm 0,01\%$

TURNKEY SOLUTIONS

There are many variables to take into account when fitting an Additive injection system and our highly skilled engineers will adapt our system to fit your exact requirements.

TECHNICAL SUPPORT

We are with you all the way. Before, during and after the implementation to secure a flawless integration and operation.

ZERO DOWNTIME

As a central part of the operation; mechanical stability, toughness and durability is an important aspect of the manufacturing and design philosophy.

For more information on these or other of our products or services please visit us on the Web at:

www.cbi.dk



High Accuracy Flow Meters

To accurately measure extreme low flows of liquids the "Milliflow" uses the dependable four-piston positive displacement technique.

Miniature precision machined 316 stainless steel pistons running inside carbon cylinders enable flow rates as low as 1.0 l/hr to be accurately measured.

Pressure rating is 25 bar as standard with options up to 200 bar.

All wetted parts are manufactured from stainless steel, FTFE and carbon which make the flowmeter compatible with most clean liquids.

The Milliflow flowmeter can be fitted with a six digit mechanical totalizer with or without pulse transmitter, pulse transmitter only or electronic Flowcount which provides digital flow rate / total readout with an optional

4-20mA output.

Both the NAMUR pulse transmitter and the electronic Flowcount are ATEX Certified for installation within Hazardous Areas.

USES

- Loading of tanks, tank wagons, and barges
- Transfer of petrochemical products in refineries, depots and pipelines
- Calibration of other meters and vessels (Master meters).

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SERVICES AVAILABLE

Consulting Services
Technical Support
Installation and Setup
Maintenance
Warranty

Technical Specifications

PD Flowmeters - Milliflow M31/M32

Model M31

- Connection size DN8 (1/4") M32 – DN12 (3/8")
- Smallest read-out 0.01 liter
- Flow range 0 - 16 liter/H (24 H/day)
2 0 liter/H (8 H/day)

Model M32

- Horizontal Mounting with counter on top (required at low pressure)
- Connection size DN12 (3/8")
- Smallest read-out 0.1 liter
- Flow range 0..160 liter/H (24 H/day)
0..200 liter/H (8 H/day)

Common parameters

- Horizontal Mounting with counter on top (required at low pressure)
- Accuracy Better than 0.5 %
- Actual flow range 1:10
- Repeatability Better than 0.05 %
- Working pressure Maximum 10 bar
- Working temperature -15 .- +75 degree Celsius
- Counter Mechanical 6 digits, not reset able
- Material certificate According to EN 10204-3.1.B
- Factory Test certif. According to Manufacturers-standard
- Material bearings Rulon (Teflon compound)
- Material bushings Sintered carbon
- Material sealing Gylon
- Seal ring Teflon
- Flow direction from left-to-right (can be turned)
- Stainless Steel 316 Material housing
- 4" Stainless Steel Pistons
- Stainless Steel Bearings
- Carbon Steel Manifold and flanges
- Ni-Resist Body
- Aluminum Rotor
- Carbon Vanes



INTELLIGENT BUNKERING SOLUTIONS

Go4 Bunker ApS

Lille Blodevej 3

DK-3600 Frederikssund

Denmark

+45 4731 3388

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