PD Flow Meter

Summary Specification Sheet

Decathlon Series - Industrial

Decathlon Series for Industrial Applications

- Ideal for high viscosity, up to >1,000,000 cP
- 1/8” to 4” lines sizes*
- Repeatability +/- 0.05% of rate
- Only 2 moving parts
- Bearingless design
- Easy to install and maintain; no upstream or downstream piping
- Max pressure 1000 psig, 250 psig std.
- Max operating temperature 400°F (204°C)
- High turndown up to 1000:1

Decathlon Series - Sanitary

Decathlon Series for Sanitary Applications

- 1/8” to 2” lines sizes
- Repeatability +/- 0.05% of rate
- Only 2 moving parts
- Bearingless design
- CIP compatible without disassembly
- Easy to install and maintain; no upstream or downstream piping
- Viscosity to >1,000,000 cP
- Max operating temperature 400°F (204°C)
- High turndown up to 1000:1

TrickleMeter

TrickleMeter for Low Flow Applications

- Minimum flow rate 0.005 GPM (0.019 l/min)
- Accuracy +/- 0.1% with linearizing electronics
- Repeatability 0.05% of rate
- Temperature range -20°F to 450°F
- Max pressure 1000 psig
- 3/8” NPT connections
- Handles pulsating flow
- Ideal for additive injection

BL Series

BL Series for High Pressure Applications

- Unique boltless pressure vessel design
- Metal seals standard
- 10,000 psig operating pressure standard, higher pressures available
- 1/16” to 1” line sizes
- Only two moving parts
- Bearingless design
- Turndown, up to 1000:1
- Accuracy +/-0.1% with linearizing electronics

FTI FLOW TECHNOLOGY

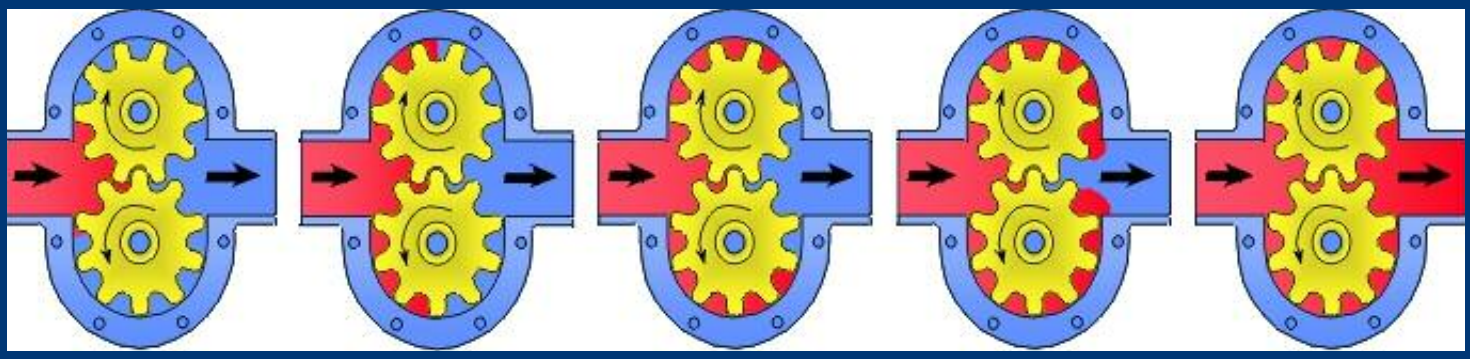
PD Summary Specification Sheet

Easy as 1-2-3

1 Easy to install - no upstream or downstream pipe requirements

2 Bearingless design and only two moving parts means long life

3 Access the meter by leaving in line, open cover, access the impellers, remove any foreign debris - all without breaking the line



Flowing liquid drives two rotating impellers.

Magnets imbedded in the impellers activate a non intrusive sensor, which generates a pulse output.

Each pulse represents a known volume of liquid that is captured in between the lobes of the impellers.

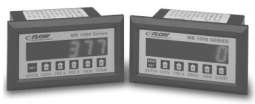
A K-factor converts the pulses into engineering units for remote data collection and digital display.

BR3000

- Magnetic pickup & DC pulse input
- Displays rate & total
- Internal battery, external DC, or 4-20mA loop powered, isolated scaled pulse or 4-20mA output
- 8 digit totalizer
- 10 point linearization
- Explosion proof, waterproof

MR1000

- Rate and resettable total display
- 5-digit floating decimal scaling factor
- Add/subtract and quadrature input
- 4-20mA output
- 2 Relay outputs
- RS232/RS422 serial communication
- NEMA 4/IP 65 front panel



MB1000

- Batch, prewarn & batch total display
- 5-digit floating decimal scaling factor
- 4-20mA output
- 2 Relay outputs
- RS232/RS422 serial communication
- NEMA 4/IP 65 front panel
- Two stage lockout

SL9000/9100/9200 Series

- Pulse inputs
- Two line backlit LCD display
- Up to 40 point linearization
- Batch control relay output
- Volumetric or mass display
- Temperature inputs
- 4-20mA outputs
- Alarm outputs (relay)
- RS-232 port or optional RS485
- Password protection
- NEMA 4X panel mount

* Materials & end connections limited in sizes 3” & 4”, consult factory.
Temperature rating dependent on impeller material.

FTI FLOW TECHNOLOGY™

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