G2 INDUSTRIAL METERS **PVDF**

"Look for the blue label!"

Looking for a turbine meter that can handle aggressive chemicals? Look at the PVDF Meter for a housing material that resists abrasion and has great chemical compatibility.

Use PVDF Meters with harsh chemicals: Bleach, Ferric Chloride, Phenol, Sulfuric Acid or Phosphoric Acid.

For complete part number, see "Number Reference" chart on page 15.

PVDF – SPECIFICATIONS

Fitting Type:		NPT or ISO (Female)
Housing Material:		PVDF
Meter Sizes Available:		1/2" and 1"
Flow Range:	**1/2" (P05)**	1.2 - 12 GPM (4.54 - 45.42 LPM)
	1" (P10)	5 - 50 GPM (18.9 - 190 LPM)
Accuracy (% of Reading):		**Turbine Only** / **Turbine w/Computer**
	1/2" (P05)	± 2.0% / ± 1.5%
	1" (P10)	± 1.5% / ± 1.0%
Repeatability:		± 0.3%
Pressure Rating:		150 PSI / 10.2 BAR
Operating Temperature Range:		-20° F to +180° F (-28° C to +82° C)
with Computer:		0° F to +140° F (-18° C to +60° C)
Maximum Storage Temperature:		-40° F to +250° F (-40° C to +121° C)
Typical K-Factor:	**1/2" (P05)**	2,400
	1" (P10)	540
Wetted Materials:	**Housing:**	PVDF (15% Carbon Fiber Filled)
	Bearings:	Ceramic - 98% Alumina
	Shaft:	Ceramic - 98% Alumina
	Rotor:	PVDF
	Rings:	Fluorocarbon
Optional O-Ring:		PTFE
Frequency Range:	**1/2" (P05)**	48 - 480 Hz @ 1.2 - 12 GPM
	1" (P10)	45 - 450 Hz @ 5 - 50 GPM
Recommended Strainer Size:		
	1/2" (P05)	55 mesh
	1" (P10)	28 mesh
Maximum Flow:	**1/2" (P05)**	15 GPM (56.8 LPM)
	1" (P10)	75 GPM (284 LPM)
Shipping Weight:	**1/2" (P05)**	1.3 lbs./0.6 kg - Turbine Only: 1.1 lbs./.54 kg
	1" (P10)	1.9 lbs./0.8 kg - Turbine Only: 1.7 lbs./.77 kg

ELECTRONIC CHOICES

Local Display, Remote Display & Remote Transmitter Options:	See Electronics Section.

APPROVALS

FM APPROVED · c UL us · CE · Ex · NEMA 4 · ATEX · **IP44**

Select Your Meter Size:

1/2 inch 1 inch

Features and Benefits:

- ✓ Precision accuracy in a lightweight and durable meter.
- ✓ Lithium battery life: 5 years.
- ✓ Available with Local Display or Remote Transmitter.
- ✓ 2 Totals (Batch = Resettable, Cumulative = Non-Resettable); Rate of Flow. Factory calibrated in gallons and litres. Field calibratable. Allows user calibration. Includes non-volatile totals.
- ✓ Accessories easily upgrade meter.
- ✓ One field replaceable internal part making maintenance easy.

INTER INSTRUMENT