



G2 Industrial Meters - PVDF

TRANSCAT

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35 Vantage Point Drive // Rochester, NY 14624 // Call 1.800.800.5001



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.

Select Your Meter Size:

1/2 inch

1 inch



Features and Benefits:

- ✓ Precision accuracy in a lightweight and durable meter.
- ✓ Installs easily.
- ✓ Available with Local Display or Remote Transmitter.
- ✓ Local Display Computer features: 2 Totals (1 Resettable, 1 Cumulative); Factory Calibration in gallons and litres; 2 User Calibrations and Flowrate.
- ✓ Accessories easily upgrade meter.
- ✓ One field replaceable internal part making maintenance easy.

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" (P10)	± 1.5%
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:	+14°F to +140°F (-10°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
	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 Section 6.

APPROVALS



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