

# PVDF – SPECIFICATIONS

<b>Fitting Type:</b>	NPT or ISO (Female) BSPT*		
<b>Housing Material:</b>	PVDF		
<b>Meter Sizes Available:</b>	1/2" and 1"		
<b>Flow Range:</b>	<b>1/2" (P05)</b>	1.2 - 12 GPM	(4.54 - 45.42 LPM)
	<b>1" (P10)</b>	5 - 50 GPM	(18.9 - 190 LPM)
<b>Accuracy (% of Reading):</b>		<b>Turbine Only</b>	<b>Turbine w/Computer</b>
	<b>1/2" (P05)</b>	± 2.0%	± 1.5%
	<b>1" (P10)</b>	± 1.5%	± 1.0%
<b>Repeatability:</b>	± 0.3%		
<b>Pressure Rating:</b>	100 PSI / 6.9 BAR		
<b>Operating Temperature Range:</b>	-20° F to +180° F (-28° C to +82° C)		
<b>with Computer:</b>	0° F to +140° F (-18° C to +60° C)		
<b>Maximum Storage Temperature:</b>	-40° F to +250° F (-40° C to +121° C)		
<b>Typical K-Factor:</b>	<b>1/2" (P05)</b>	2,400 PPG / 634 PPL	
	<b>1" (P10)</b>	540 PPG / 143 PPL	
<b>Wetted Materials:</b>	<b>Housing:</b>	PVDF (15% Carbon Fiber Filled)	
	<b>Bearings:</b>	Ceramic - 98% Alumina	
	<b>Shaft:</b>	Ceramic - 98% Alumina	
	<b>Rotor:</b>	PVDF	
	<b>Rings:</b>	Fluorocarbon	
<b>Optional O-Ring:</b>	PTFE		
<b>Frequency Range:</b>	<b>1/2" (P05)</b>	48 - 480 Hz @ 1.2 - 12 GPM	
	<b>1" (P10)</b>	45 - 450 Hz @ 5 - 50 GPM	
<b>Recommended Strainer Size:</b>			
	<b>1/2" (P05)</b>	60 mesh (250 micron)	
	<b>1" (P10)</b>	30 mesh (595 micron)	
<b>Maximum Flow:</b>	<b>1/2" (P05)</b>	15 GPM (56.8 LPM)	
	<b>1" (P10)</b>	75 GPM (284 LPM)	
<b>Shipping Weight:</b>	<b>1/2" (P05)</b>	1.3 lbs./0.6 kg - Turbine Only: 1.1 lbs./0.54 kg	
	<b>1" (P10)</b>	1.9 lbs./0.8 kg - Turbine Only: 1.7 lbs./0.77 kg	
<b>Calibration Report</b>	Comes standard with G2 Series meters. N.I.S.T. – Certification available.		

## ELECTRONIC CHOICES

<b>Local Display, Remote Display &amp; Remote Transmitter Options:</b>	See Electronics Section.
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## APPROVALS



IP65

IECEx