Blue-White

DigiFlo Digital Paddlewheel Meters



Features:

- High accuracy digital paddlewheel technology.
- 1/8", 1/4" or 1/2" NPT, 1/4"OD or 3/8"OD Tubing sizes.
- Flow rates from 30 to 7000 milliliters per minute.
- 4 model variations:
 - FS = Sensor mounted display
 - FP = Panel mounted display (includes 25' cable)
 - FV = No display. Sensor only. 5vdc current sinking output
 - FX = No electronic sensor. Visual indicator only.
- 6 digit LCD, up to 4 decimal positions.
- Displays both rate of flow and total accumulated flow.

Specifications:

Max. Working Pressure:
PVC lens,
PVDF lens,
Max. Fluid Temperature:
PVC lens, and connectors
PVDF lens, and connectors200° F (93° C) @ 0 PSI
Full scale accuracy +/- 6%

Materials of Construction:

Body, Paddle, Axle material: PVDF

- Connector material:
 - **1** = .500" ID hose barb, **PVC 2** = .500" Male NPT, **PVC**
 - **3** = .500" Female NPT, **PVC**
 - **4** = .250" OD tubing connection, **Polypropylene**
 - 5 = .125" Female NPT, PVC
 - 6 = .375" OD tubing connection, **PVDF**
 - 7 = .250" Female NPT, PVC

- Open collector alarm set point.
- User selectable or custom programmable scale factors. Flow units: Gallons, Liters, Ounces, milliliters Time units: Minutes, Hours, Days
- Volumetric field calibration programming system.
- Non-volatile programming and accumulated flow memory.
- Total reset function can be disabled.
- Clear PVC viewing lens or PVDF chemical resistant lens.
- Weather resistant Valox[®] PBT enclosure. NEMA 4X
- LCD is not recommended for direct sunlight applications.

Viewing lens material option: Clear see through...... PVC Opaque chemical resistant..... PVDF O-ring seals: Viton (Optional EP) Compression seal to pump:..... PVC

Installation Requirements:

Mounting location

• The meter is designed to withstand outdoor conditions. A cool, dry location, where the unit can be easily serviced is recommended.

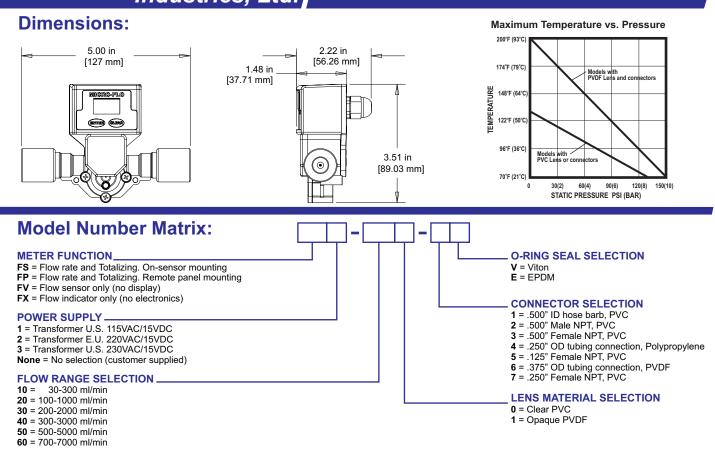
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- The meter can be mounted on horizontal or vertical runs of pipe. The paddle axle must remain horizontal +/-10°.
- The meter can accurately measure flow from either direction.
- The meter can only be used with fluids that can pass infra-red light.



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Pipe Size, Flow Range and Model Options:

115V Models with 1/4" F/NPT connections and clear PVC lens

Operating Flow Range		FS Models (Sensor Mount)	FP Models (Panel Mount)	FV Models (Sensor Only)	FX Models (Indicator Only)
OZ/MIN	ML/MIN	Model Number	Model Number	Model Number	Model Number
1 to 10	30 to 300	FS1-100-7V	FP 1-100-7V	FV 1-100-7V	FX -100-7V
3.5 to 35	100 to 1000	FS 1-200-7V	FP 1-200-7V	FV 1-200-7V	FX -200-7V
7 to 70	200 to 2000	FS1-300-7V	FP 1-300-7V	FV 1-300-7V	FX -300-7V
10 to 100	300 to 3000	FS 1-400-7V	FP 1-400-7V	FV 1-400-7V	FX -400-7V
17 to 170	500 to 5000	FS1-500-7V	FP 1-500-7V	FV 1-500-7V	FX -500-7V
24 to 240	700 to 7000	FS 1-600-7V	FP 1-600-7V	FV 1-600-7V	FX -600-7V

115V Models with 1/8" F/NPT connections and clear PVC lens

	Operating Flow Range		FS Models (Sensor Mount)	FP Models (Panel Mount)	FV Models (Sensor Only)	FX Models (Indicator Only)
	OZ/MIN	ML/MIN	Model Number	Model Number	Model Number	Model Number
	1 to 10	30 to 300	FS1-100-5V	FP 1-100-5V	FV 1-100-5V	FX -100-5V
	3.5 to 35	100 to 1000	FS 1-200-5V	FP1-200-5V	FV 1-200-5V	FX -200-5V
	7 to 70	200 to 2000	FS1-300-5V	FP1-300-5V	FV1-300-5V	FX -300-5V
	10 to 100	300 to 3000	FS1-400-5V	FP 1-400-5V	FV 1-400-5V	FX -400-5V
	17 to 170	500 to 5000	FS1-500-5V	FP 1-500-5V	FV 1-500-5V	FX -500-5V
	24 to 240	700 to 7000	FS1-600-5V	FP 1-600-5V	FV 1-600-5V	FX -600-5V

115V Models with 3/8" OD Tubing connections and clear PVC lens						
	Flow Range	FS Models (Sensor Mount)	FP Models (Panel Mount)	FV Models (Sensor Only)	FX Models (Indicator Only)	
OZ/MIN	ML/MIN	Model Number	Model Number	Model Number	Model Number	
1 to 10	30 to 300	FS 1-100-6V	FP 1-100-6V	FV 1-100-6V	FX -100-6V	
3.5 to 35	100 to 1000	FS 1-200-6V	FP 1-200-6V	FV 1-200-6V	FX -200-6V	
7 to 70	200 to 2000	FS1-300-6V	FP1-300-6V	FV1-300-6V	FX -300-6V	
10 to 100	300 to 3000	FS 1-400-6V	FP 1-400-6V	FV 1-400-6V	FX -400-6V	
17 to 170	500 to 5000	FS1-500-6V	FP 1-500-6V	FV 1-500-6V	FX -500-6V	
24 to 240	700 to 7000	FS1-600-6V	FP 1-600-6V	FV 1-600-6V	FX -600-6V	



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