

Key Features

- Volumetric flow rate measurements in pipe sizes up to 16 inches ID
- Accurate temperature measurements
- Simple pushbutton set-up with 4-digit alphanumeric display
- Two analog 4-20 mA output signals for flow and temperature monitoring
- No pipe saddle required



Specifications				
Model	FLW-MTR-A		FLW-MTR-B	
Probe Length	3.93in [100mm]		7.87in [200mm]	
Weight	0.65 lbs		.075 lbs	
Material	Stainless Steel 316L			
	Flow Monitoring		Temperature Monitoring	
Measuring Range	30.15 – 9.85 ft/s		Measuring Range	-4 – 212 °F
Resolution	0.05 ft/s		Resolution	0.5 °F
Setting Range	0.00 – 9.85 ft/s		Step Size	0.5 °F
Analog Start Point	0.00 – 7.95 ft/s		Analog Start Point	-4 – 169 °F
Analog End Point	1.90 – 9.85 ft/s		Analog End Point	39 – 212 °F
Sensor Information				
Repeatability	0.16 ft/s			
Response Time	Flow: 0.8 s, Temperature 1.5 s			
Temperature Drift	0.01 fps x 1/K			
Max Temp Gradient of Medium	100			
Accuracy	7% measured value (MW) + 2% measured end value (MEW)			
Electrical Information				
Connection Type	1 x M12 (4 pin) with gold plated connectors			
Protection	IP 65; IP 67			
EMC	DIN EN 60947-5-9			
Shock Resistance	DIN EN 60068-2-27 @ 50 g (11 ms)			
Vibration Resistance	DIN EN 60068-2-6 @ 5 g (10-2000 Hz)			
UL Approval	E320431			
CE	EMC; RoHS II			

