



Digital Flowmeter with Molded In-Line Body Blue-White F-2000

- Flow rate and total flow display
- Easy to read, 8 digit, 4 decimal position, LCD
- Factory programmed
- Field programmable via front panel push button
- Weather resistant ABS enclosure (NEMA 4X)
- Front panel security lockout
- Calibration Units: GPM, LPM, m3/hour, oz/min GPH, LPH
- This unit requires AC/DC Transformer
- Analog 4 to 20 mA or 0 to 10 V DC output

Flow measurements are routinely used to gauge rate of flow as well as totalizer function in water pipes. The F-2000 16-24 VDC powered digital flow meter comes with a 110VAC transformer, and offers a low cost alternative to equivalent digital flow meters particularly in pipes up to 2" sizes.



This molded body meter has a built in sensor and male NPT threads with a easy to read 8-digit LCD display. Model includes Analog Output, 4-20mA and 0 to 10VDC (AO) model.

The F-2000 may be connected to a digital metering pump that accepts an analog signal and may be used to inject a liquid such as a chemical, sanitizer or fertilizer at a rate proportional to flow rate.

Ordering Information

ITEM	PIPE SIZE	FLOW RANGE
IL-AO138-1	3/8"	0.80 to 8.000 gal/min
IL-AO150-1	1/2"	2.00 to 20.00 gal/min
IL-AO175-1	3/4"	3.00 to 30.00 gal/min
IL-AO110-1	1"	5.00 to 50.00 gal/min
IL-AO138-2	3/8"	0.40 to 4.000 gal/min
IL-AO150-2	1/2"	0.50 to 5.000 gal/min
IL-AO175-2	3/4"	0.80 to 8.000 gal/min
IL-AO110-2	1"	2.00 to 20.00 gal/min
IL-AO115-1	1 1/2"	4.00 to 40.00 gal/min
IL-AO115-2	1 1/2"	6.00 to 60.00 gal/min
IL-AO115-3	1 1/2"	10.0 to 100.0 gal/min
IL-AO120-1	2"	4.00 to 40.00 gal/min
IL-AO120-2	2"	6.00 to 60.00 gal/min
IL-AO120-3	2"	10.0 to 100.0 gal/min
IL-AO120-4	2"	20.0 to 200.0 gal/min

Specifications

Temperature	200°F/93°C (in-line Polypro/PVDF) (Temp. rating of fittings only. Actual pipe rating may vary)
Pressure	300 psig/20 Bar
Power requirement	16-24VDC plug in transformer
Max. fluid debris size	0.020" diameter
Full scale accuracy	±1%
Sensor material	PVDF
Molded in-line fittings	Polypropylene, 3/8", 1/2", 3/4", 1", 1-1/2", 2" Optional PVDF material, 3/8", 1/2", 3/4", 1", 1-1/2", 2"
Axle material	Hastelloy C (Optional: Titanium, Ceramic)
O-rings	Viton®
Approx. Shipping Weight	4 lbs. \ 1.8 kg.

