

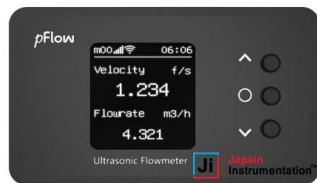
Ultrasonic Flow Meter

Model: JI-USFM-F2



Japsin
Instrumentation™

Product Review: JI-USFM-F2 is with Compact Design, which allows fast installation and convenient flow measurement. The flow meter comprises of 2 flow measurement sensors, clamps, and Central Processing Unit for flow metering. Non-invasive installation available, the sensors are installed outside the pipe. Easy to install and will not interrupt the manufacturing process. No pressure drop, low maintenance cost.



Installation:-

The Flowmeter F2 shall be installed in water lines in the direction of the flow.

- 1) CLAMP THE PIPE STRAPS
- 2) TIGHTEN THE SCREWS
- 3) INSTALL THE METER
- 4) FINISH AND POWER ON

Output & Protocol:

Optional Outputs: WiFi | TTL/RS485 | 4-20 mA

Supporting Protocol: Modbus | Fuji

Interface:



Application: Water treatment and distribution, pharmaceutical, inland aquaculture, heating and cooling circuits, swimming pools and irrigation systems, fire-fighting installations, automotive industry and energy plant.

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Parameters	Image
Flow Range: 0.03m/s~±5m/s (0.1 ft/s ~ ±16ft/s) Accuracy: ± 2.0% Repeatability: 0.8% Display: LCD1.44" Keyboard: 3 touch keys Protection Rate: IP54 Housing Enclosure: ABS+PC Material Power supply: 10~36VDC, 500mA Transducer (Flow sensor): Clamp-on type Operating Temperature: 0°C~60°C (32°F~140°F) Cable: 2m (7ft) Length	

Optional Parameters:

Code	Output (optional 1 of 3)			
1	4-20mA/TTL			
2	RS485/TTL			
3	WiFi/TTL			
Code	Pipe Material (optional 1 of 4)			
A	A-1: PVC	A2: Carbon Steel	A3:Stainless Steel	A4: Copper
Code	Pipe Size(optional 1 of 7)			
DN	Nominal		Outer Diameter	
	Metric In	Inch	Metric In	Inch
	DN 20	3/4"	21~29mm	1.05"
	DN 25	1"	28~36mm	1.315"
	DN 32	1-1/4"	35~43mm	1.66"
	DN 40	1-1/2"	46~54mm	1.66"
	DN 50	2"	59~67mm	1.66"
	DN 65	2-1/2"	72~80mm	2.875"
DN 80	3"	83~91mm	3.5"	

**You Need Flowmeter with 4-20mA output + for PVC + for Pipe 3/4".
 So you select: JI-USFM-F2-1-A1-DN20**

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