

P & T COMPENSATED VORTEX FLOW TRANSMITTER

Special Features:

- Vortex Flow Meter with Pressure and Temperature Compensation
- High Accuracy with High Repeatability
- Unique Gasket Free Design Ensuring a Clog Free Process
- No Moving Parts, Reducing the Maintenance
- Works with Air, Saturated and Super heated Steam and Liquids
- Optionally available for High Pressure Applications



Applications:

F8200 Vortex Flow Meter with new engineering innovations, consists of separate temperature and pressure sensors to monitor the changes in the real time, providing the best accuracy, even in applications to measure saturated steam. A perfect answer to almost any application, regardless of size (From 15MM to 400MM), F8200 withstands the rigors of industrial demands.

Performance Specifications:

Media	: Steam (Saturated / Super Heated), Air, Gas, Liquids
Line Size	: 15MM to 400MM
Accuracy	: ±0.5% For Liquids ±1.0% For Gases, Steam
Repeatability	: ±0.3% For Liquids ±0.5% For Gases, Steam
Output	: 4 - 20mA, 2 Wire (Optional Pulse Output)
Power Supply	: 24VDC / Li-on 3.6V 14Ah
Media Temperature	: - 40 °C to 250 °C / Optional -40 °C to 350 °C
Ambient Temp.	: - 40 °C to 85 °C
Maximum Pressure	: 16 Bar (Optionally Available for upto 60 bar)
Sensor MOC	: AISI 304SS (Other Materials Optional)
Protection Grade	: IP65
Display	: In Built LCD Display
Units	: m ³ /h, m ³ /m, l/h, l/m, t/h, t/m, kg/h, kg/m

Advantages of F8200:

- Separate Pressure and Temperature Sensors to monitor real time changes.
- Low Cost of Installation
- Pre Calibrated at Factory, No Field Calibration Required
- Very Low Pressure loss results in considerable energy savings
- Zero Maintenance as there are no moving or rotating parts
- True Volumetric Output is available from the Flow Indicator
- COML Protocol Compatible

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HOW TO ORDER

	Output:	F8200
01	4 - 20mA	01
02	4 - 20mA with HART	
03	Modbus RS485	
	Power Supply:	02
01	Li-ion 3.6V 14Ah	
02	24V DC	
	Media Temperature:	01
01	-40 ~ 100°C (-40 ~ 250°C for steam)	
02	-40 ~ 350°C	
	Accuracy:	01
01	±1.0% of F.S	
02	±1.5% of F.S	
	Connection Type:	01
01	Wafer Type	
02	Flange Type	
	Aperture Size (Line Size):	100
015	1/2 Inch	100 4 Inch
020	3/4 Inch	125 5 Inch
025	1 Inch	150 6 Inch
032	1 1/4 Inch	200 8 Inch
040	1 1/2 Inch	250 10 Inch
050	2 Inch	300 12 Inch
065	2 1/2 Inch	350 14 Inch
080	3 Inch	400 16 Inch

Ordering Example : F8200-01-02-01-01-01-100