



eFlo MASS FLOW METER

SSi's mass flow meters are used in a variety of industrial and commercial applications to measure and control the mass flow rate of gases or liquids where accuracy and precision are crucial. This meter measures mass per unit time versus volume per unit time that is found in standard, manual, or electronic flow meters.

Features:

- Mass flow calculation for gas and liquid
- Variety of industrial gas and liquid type
- Gas flow range: 0-1500 scfh
- Inlet pressure: 5-50 psi
- Pressure and temperature compensation with dual sensors
- Pipe size 0.5" NPT with compact footprint
- NIST-traceable calibration with onsite flow verification ports
- Integrated communication via Modbus RTU over RS485, Ethernet, TCP, and Ethernet IP
- Compatible with industrial process controllers and PLC's
- Configurable flow alarms
- SCADA integration
- Totalizer volume
- Flow Meter View software

Benefits:

- Greater reliability with higher accuracy and repeatability
- Gas usage for cost evaluation
- Ideal for all industrial and commercial applications
- High pressure application
- Meets AMS and CQI field verification specs
- Variety of communication options
- Easy configuration for control and data acquisition
- Real time and historical data
- PC-based and mobile configuration

Common Gases & Liquids:

- Natural Gas
- Dissociated Ammonia
- Nitrogen
- Propane
- Exothermic Gas
- Methanol
- Air
- Endothermic Gas
- Custom Mixes
- Hydrogen
- Methane
- Water

Specifications

Power Required:	24VDC @ 1A
Accuracy:	±4%
Turndown Ratio:	6:1
Gas Temp. Limits:	32°F to 122°F (0°C to 50°C)
Ambient Temp. Limits:	32°F to 122°F (0°C to 50°C)
Flow Output Signal (Linear):	4-20mA
Max. Output Signal Load:	500Ω
Input Control Signal (Linear):	4-20mA
Response Time:	1 - 10 seconds
Communications:	RS485, Ethernet/IP
Communications Protocol:	Modbus RTU, Modbus TCP



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