eFlo 2.0 Flow Meters

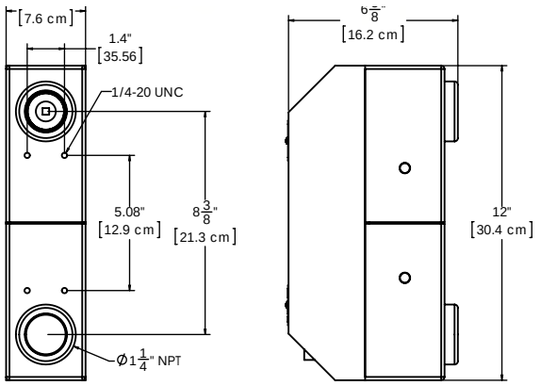
*e*Flo 2.0 is an electronic flow measurement instrument used to display and control the flow of gases and liquids. With simple compatibility with existing controls, tracking and monitoring gas flows has never been easier. Designed for use in the harshest industrial environments, *e*Flo allows for easy replacement of manual flow meters and seamlessly integrates into existing control systems.

Features:

- Integrated communication via Modbus over RS485 (RTU), Ethernet (TCP), and Ethernet (IP)
- Pressure and temperature compensation for precise flow calculation
- Flow Meter View software and mobile interface for configuration
- Available with electronic valve, with or without control
- Analog control and feedback for data acquisition
- Direct and remote setpoint control
- Built-in high/low flow alarms
- Flow totalizing

Benefits:

- Compact footprint
- NIST-traceable calibration
- Onboard datalogging (LCD)
- Precision flow measurement
- USB configuration tools
- Mobile-friendly and web-based remote configuration
- Digital display: easy-to-use touch pad / touch screen
- SCADA integration: Flow Rate, Totalized Flow, Setpoint
- Flow calibration can be certified in use for CQI-9 requirements



Common Gases:

- Natural Gas
- Propane
- Air
- Hydrogen
- Dissociated Ammonia
- Exothermic Gas
- Endothermic Gas
- Methane
- Nitrogen
- Other Industrial Gases

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eFlo 2.0 Flow Meters

eFlo Standard Meter

- LCD or Touchpad
- Compact footprint
- Onboard datalogging (LCD)
- Up to 5 psi inlet pressure
- 1 1/4" NPT
- Optional manual valve

eFlo-Liquid and eFlo-High Pressure

- Specifically designed for high pressure gas and liquid flow applications
- Direct and remote setpoint
- Digital LED display
- Up to 80 psi inlet pressure
- 1/2" NPT

eFlo Inline Meter

- Built-in high/low flow alarms
- Current / totalized flow indication
- Integrated comms via Modbus: RS485, Ethernet/IP, and USB
- Two pipe sizes: 1 1/4" and 2"
- Analog feedback for data acquisition
- Mobile-friendly and web-based configuration

Specifications (Standard, L/H, Inline)

Power Required:	24VDC @ 400mA
Accuracy:	±4%
Turndown Ratio:	6:1
Gas Temp. Limits:	32°F to 150°F (0°C to 65.6°C)
Ambient Temp. Limits:	32°F to 150°F (0°C to 65.6°C)
Flow Output Signal (Linear):	4-20mA
Max. Output Signal Load:	500Ω
Input Control Signal (Linear):	4-20mA
Response Time:	1 - 10 seconds
Communications:	RS232, RS485, Ethernet/IP, USB
Communications Protocol:	Modbus RTU, Modbus TCP

eFlo Gauge Meter

- Optional manual valve
- Easy to read flow indicator
- Horizontal or vertical mounting
- Does not require AC/DC power
- Up to 25 psi inlet pressure
- 1 1/4" or 2" NPT

Specifications (Gauge Meter)

Power Required:	NA
Accuracy:	±4%
Ambient Temp. Limits:	32°F to 150°F (0°C to 65.6°C)
Gas Temp. Limits:	32°F to 150°F (0°C to 65.6°C)

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