

eFlo

ELECTRONIC FLOW METER

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

Benefits:

- Available with electronic valve, manual valve, and without control valve
- Digital display with easy-to-use touch pad
- Precision flow measurement
- Direct and remote setpoint control
- Utilizes Flow Meter View software
- Easy retrofit for existing flow measuring equipment
- Flow calibration can be certified while in use to meet CQI-9 requirements
- NIST-traceable calibration
- SCADA Integration: Current Flow, Totalized Flow, Setpoint, Cost Calculation
- Built-in high/low flow alarms
- Flow totalizing
- Analog control and feedback for data acquisition
- Integrated comms via Modbus over RS232/RS485
- USB configuration
- Onboard datalogging
- Ethernet
- Mobile friendly configuration

Common Gases:

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



INNOVATIVE SOLUTIONS WORLDWIDE



Super **Systems**
incorporated

eFlo Part Number

14 - Valve Type - Gas Type

eFlo
Flow Meter



A - Automatic
(Electronic) Valve

M - Manual (Non-
Electronic) Valve

X - Fixed Flow
No Valve

- Acetylene

- Air

- Ammonia

- Argon

- Butane

- Carbon Dioxide

- Carbon Monoxide

- Chlorine

- Dissociated Ammonia

- Endothermic Gas (C_3H_8)

- Endothermic Gas (CH_4)

- Ethane

- Ethylene

- Exothermic Gas

- Helium

- Hydrogen

- Hydrogen Chloride

- Hydrogen Sulfide

- Methane

- Natural Gas

- Neon

- Nitrogen

- Nitrous Oxide

- Oxygen

- Propane

- Sulfur Dioxide



Indicator LEDs

- Process Data Display
- Alarm (Hi/Low)
- Auto/Manual
- Open/Close
- Motor Drive

Tactile Keypad

- Totalizer
- Aggregate flow from last reset
- Reset
- Setpoint
- Auto/Manual
- Setup
- Configuration

Specifications

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, USB
Communications Protocol:	Modbus RTU, Modbus TCP
Flow Meter Pressure Limits:	10 psig max. (Standard)



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incorporated

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