Continental Controls Corporation – FM 50 Fuel Meter

Presented by MVF Process Controls

Product Overview

The Continental Controls Corporation FM 50 Fuel Meter provides precise, real-time measurement of gas flow for industrial engines and turbine systems. Engineered for exceptional accuracy and stability, the FM 50 is ideal for applications requiring detailed fuel consumption monitoring, emissions tracking, and performance optimization. Built with rugged anodized aluminum and stainless-steel materials, it ensures reliable operation in demanding power generation and process environments.

Key Features

- High-accuracy electronic mass flow measurement
- Compatible with multiple fuel gases (NG, LPG, Biogas)
- Integrated temperature and pressure compensation
- Digital and analog output options for system integration
- Rugged anodized aluminum and stainless-steel housing
- Compact and easy-to-install inline design

Technical Specifications

Parameter	Value / Range
Flow Range	0.5 – 50 SCFM
Compatible Fuels	Natural Gas, Biogas, LPG
Inlet Pressure	Up to 50 psig
Accuracy	±0.25 % of reading
Output Signal	4–20 mA, 0–5 VDC, optional Modbus RTU
Temperature Compensation	–20 °C to +60 °C
Construction	Anodized aluminum body with stainless trim
Power Supply	12–24 VDC
Mounting	Inline threaded or flanged options
Weight	~4 lb (varies by model)

Applications

- Power generation gas engines
- Industrial turbines
- Cogeneration and CHP systems
- Fuel flow monitoring and data acquisition
- OEM and retrofit system integration

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