Continental Controls Corporation – AFM 4/7 Air/Fuel Mixer

Presented by MVF Process Controls

Product Overview

The Continental Controls Corporation AFM 4/7 Air/Fuel Mixer provides precise electronic control of the air-to-fuel ratio in gas engine applications. Designed for maximum efficiency, it optimizes combustion for reduced emissions and improved fuel economy. Its durable anodized aluminum and stainless-steel construction ensures long-term performance in demanding industrial and power generation environments.

Key Features

- High-accuracy fuel/air metering for low emissions
- Compact and robust anodized aluminum construction
- Wide gas-flow capacity range
- Electronic control interface for adaptive feedback systems
- Proven reliability in gas engine and turbine applications
- Simple installation and maintenance

Technical Specifications

Parameter	Value / Range
Flow Range	100 – 7,000 SCFM
Compatible Fuels	Natural Gas, Biogas, LPG
Inlet Pressure	1–15 psig typical
Control Interface	0–5 VDC analog, optional CAN
Accuracy	±0.5 % of full scale
Ambient Temperature	–20 °C to +60 °C
Construction	Anodized aluminum with stainless steel trim
Mounting	Inline, 4-bolt flange
Weight	~10 lb (varies by configuration)

Applications

- Power-generation gas engines
- CHP and co-generation systems
- Industrial turbines and compressors
- OEM and retrofit control systems

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