Continental Controls Corporation – EGC 2/4 Electronic Gas Control

Presented by MVF Process Controls

Product Overview

The Continental Controls Corporation EGC 2/4 Electronic Gas Control (EGC) system provides precise control of gaseous fuel flow to gas engines and turbines. Designed to ensure optimal combustion and emissions control, the EGC 2/4 integrates seamlessly with advanced engine management systems. Its rugged, compact design and high-speed response make it ideal for modern industrial and power-generation applications.

Key Features

- Fast-acting electronic control for gas engines
- High-speed response for transient load conditions
- Proportional valve with integrated electronics
- CAN and analog interface compatibility
- Compact, durable anodized aluminum construction
- Designed for low maintenance and long service life

Technical Specifications

Parameter	Value / Range
Flow Capacity	Up to 3,000 SCFM
Compatible Fuels	Natural Gas, Propane, Biogas
Control Interface	0–5 VDC, 4–20 mA, CAN (optional)
Response Time	< 50 milliseconds
Accuracy	±1 % of full scale
Operating Pressure	Up to 150 psig
Temperature Range	–20 °C to +60 °C
Construction	Anodized aluminum with stainless steel internals
Mounting	Inline or manifold mount
Weight	~8 lb

Applications

- Gas engines and turbines
- Power generation and CHP systems
- Industrial combustion systems
- OEM and retrofit fuel control installations

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