Continental Controls Corporation – EGC 6 Electronic Gas Carburetor

Presented by MVF Process Controls

Product Overview

The Continental Controls Corporation EGC 6 Electronic Gas Carburetor provides precise electronic fuel metering for industrial gas engines. It regulates fuel delivery to maintain optimal combustion efficiency, resulting in reduced emissions and enhanced engine performance. Built with high-quality anodized aluminum and stainless-steel components, the EGC 6 is engineered for reliability in continuous-duty and power generation environments.

Key Features

- Electronically controlled gas carburetion for precise air/fuel ratio management
- Fast-response electronic actuator for real-time adjustments
- High reliability and durability in industrial conditions
- Supports natural gas, biogas, and propane applications
- Compact and easy to integrate into engine systems
- Maintenance-friendly design with minimal moving parts

Technical Specifications

Parameter	Value / Range
Fuel Type	Natural Gas, Biogas, LPG
Flow Range	Up to 6,000 SCFH
Inlet Pressure	1–15 psig typical
Control Interface	0–5 VDC analog or CAN bus
Response Time	< 50 milliseconds
Accuracy	±0.5 % of full scale
Ambient Temperature	–20 °C to +60 °C
Construction	Anodized aluminum body, stainless-steel trim
Mounting	Inline, 4-bolt flange
Weight	~8 lb (varies by configuration)

Applications

- Industrial gas engines
- Power generation units
- CHP and co-generation systems
- OEM and retrofit gas engine controls

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mvfprocesscontrols.com • info@mvfprocesscontrols.com • (813) 422-0619