

Continental Controls Corporation – GV2 Electronic Fuel Control Valve

Presented by MVF Process Controls

Product Overview

The Continental Controls Corporation GV2 Electronic Fuel Control Valve delivers precise control of gaseous fuels for small to mid-sized engines. Designed for natural gas, biogas, landfill, and low BTU applications, the GV2 ensures efficient combustion, reduced emissions, and improved engine performance. Its compact, durable design and servo-driven actuator enable fast, accurate control with minimal maintenance, making it ideal for industrial and power generation use.

Key Features

- Electronic fuel metering for precise engine control
- Compatible with natural gas, biogas, landfill gas, and low BTU fuels
- Fast response servo actuator for stable air/fuel ratio
- Compact, durable design with anodized aluminum construction
- Operates with both turbocharged and naturally aspirated engines
- Proven reliability in gas engine and co-generation systems

Technical Specifications

Parameter	Value / Range
Applicable Engine Size	Approx. 50 hp – 500 hp (depending on supply pressure)
Compatible Fuels	Natural Gas, Biogas, Landfill Gas, Low BTU Gas
Construction / Weight	Anodized aluminum, ~6.9 lb
Dimensions	6.84" L x 5.65" W x 6.78" H
Control Interface	Electronic servo control; analog or CAN input options
Operating Range	Designed for small to mid-sized gas engines
Accuracy	±1% of full scale
Temperature Range	-20 °C to +60 °C
Mounting	Inline, flange-type connections

Applications

- Gas engine power generation
- CHP and co-generation systems
- Industrial gas engines and turbines
- Retrofit fuel control and alternative fuel systems

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