# Continental Controls Corporation – VI 600 Valve Interface

## Presented by MVF Process Controls

### *Product Overview*

The Continental Controls Corporation VI 600 Valve Interface is a high-performance electronic module designed for precision control of fuel metering valves and throttle actuators in gas engine systems. By converting control inputs into precise valve positioning, the VI 600 enhances combustion efficiency, stability, and emission control across a wide range of industrial applications.

### *Key Features*

- Precise proportional valve control for accurate fuel metering
- Accepts 0–5 VDC or 4–20 mA control inputs
- Compatible with AFM 4/7 and ECS controllers
- Real-time fault monitoring and diagnostics
- Compact anodized aluminum housing
- Designed for harsh industrial environments

### *Technical Specifications*

| Parameter | Value / Range |
|---|---|
| Input Signal | 0–5 VDC or 4–20 mA (selectable) |
| Output Current | Up to 3 A continuous |
| Supply Voltage | 12–24 VDC |
| Operating Temperature | –20 °C to +70 °C |
| Accuracy | ±0.25 % of full scale |
| Construction | Anodized aluminum enclosure |
| Mounting | Panel or bulkhead |
| Communications | Analog / CAN optional |
| Protection | Over-voltage / reverse-polarity |
| Weight | ~2.5 lb |

### *Applications*

- Fuel valve control for gas engines
- Generator sets and turbine systems
- CHP and biogas installations
- OEM and retrofit fuel control systems

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