Continental Controls Corporation – FT 50 Gas Fuel Train

Presented by MVF Process Controls

Product Overview

The Continental Controls Corporation FT 50 Gas Fuel Train is a complete, pre-assembled fuel control system designed for precision and safety in gas turbine and industrial applications. It provides rapid shutoff capability with redundant valves, ensuring compliance with industry safety standards while simplifying installation and maintenance. Constructed from stainless steel and high-quality components, the FT 50 delivers reliable performance in harsh power-generation environments.

Key Features

- Pre-assembled and tested fuel control assembly
- Redundant fire-safe shut-off valves
- Fail-safe fast-closing design (<200 ms)
- Compact footprint with simplified installation
- Compatible with natural gas, propane, and biogas
- Meets SIL 2/3 safety requirements
- Durable stainless steel tubing and fittings

Technical Specifications

Parameter	Value / Range
Valve Size	2 inch (standard)
Fuel Type	Natural Gas, Propane, Biogas
Operating Pressure	Up to 300 psig
Shut-off Time	<200 ms
Safety Standard	SIL 2/3 Compliant
Construction	Stainless steel tubing and anodized aluminum components
Footprint	Approx. 30 in × 30 in × 30 in
Weight	Approx. 180–200 lb
Connections	Flanged or threaded options

Applications

- Gas turbines and combustion systems
- Power generation and CHP units
- Industrial fuel shut-off systems
- OEM and retrofit installations

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