

# Electronic Fuel Injector Control Module

## TECHNICAL SPECIFICATIONS



### OPERATIONAL SPECIFICATIONS

<b>Input Voltage</b>	15-24v DC
<b>Output Voltage Fuel Pump</b>	13.5v DC
<b>Output Voltage FCS</b>	7v DC
<b>Power Usage</b>	<10W Full System
<b>Operating Temperature</b>	-15 - +50 Degrees Celsius
<b>Operational Altitude</b>	0 - 12,000ft

### ECU FEATURES

- Proven Reliability
- Compatible with a wide range of engines
- Multi cylinder and Carburettor Configurations
- Environmental cooling control
- Intuitive PC Interface
- Single power supply for the entire engine ecosystem
- Light weight
- MIL DTL 83513 wiring harness and connectors
- Automatic Altitude tuning based on barometric sensors

### DATA INTERFACE

<b>FCS Input Throttle</b>	PWM Input Control
<b>FCS Input ECU Mode</b>	PWM Mode Control
<b>FCS Input Alternator</b>	Engine Start via Alternator
<b>S.Bus Input</b>	Futaba S.Bus Serial Control
<b>TTL 1</b>	Telemetry & Interface Tune
<b>TTL 2</b>	Telemetry & Interface Tune
<b>Alternator Output</b>	Command to Alternator Start
<b>Environmental Control</b>	Water Pump or PWM Control
<b>USB</b>	Data Log and Firmware Port
<b>SD</b>	SD Data Storage
<b>MIL DTL 83513 Connectors</b>	ECU Main Connectors

### ENGINE CONTROL

<b>Fuel Injection</b>	2 Fuel Injection Outputs
<b>CDI</b>	2 Engine Ignition Controls
<b>Crank Sensor</b>	2 Unipolar RPM Sensors
<b>Air Intake</b>	Throttle Body Servo Control
<b>Throttle Position</b>	2 Throttle Position Feedback
<b>Cylinder Temperature</b>	4 CHT Ports
<b>Exhaust Gas Temperature</b>	2 EGT Ports
<b>Fuel Pump Control</b>	Pressure Feedback & Mapping
<b>Barometric Pressure</b>	Automatic Altitude Fuel Mapping Adjustment
<b>Pre-Injection and Choke</b>	Engine Mixture Start Mode