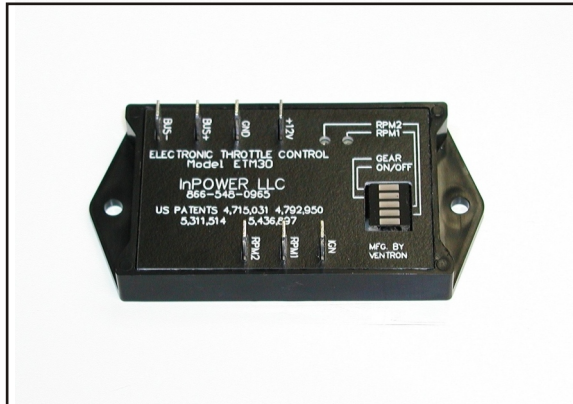


## Electronic Throttle Module



### Applications

- Ford 6.0 and 7.3 Liter *Power Stroke* Turbo Diesel Truck Engines
- Aerial Lift Trucks
- Air Compressor Systems
- Power Take-Off (PTO) Systems
- Hydraulic Drive Systems
- Service and Utility Trucks
- Emergency Vehicles
- Digger Derrick Trucks
- Power Inverter Systems

### Key Features

- Two modes of operation
- Direct interface to engine controller
- Licensed Ford patented technology assures compatibility and reliability
- Encapsulated electronics for maximum environmental protection
- Reads sensor information directly from engine controller
- Eliminates connections to sensors
- LED status indicators
- Includes interface cable to Form ECM

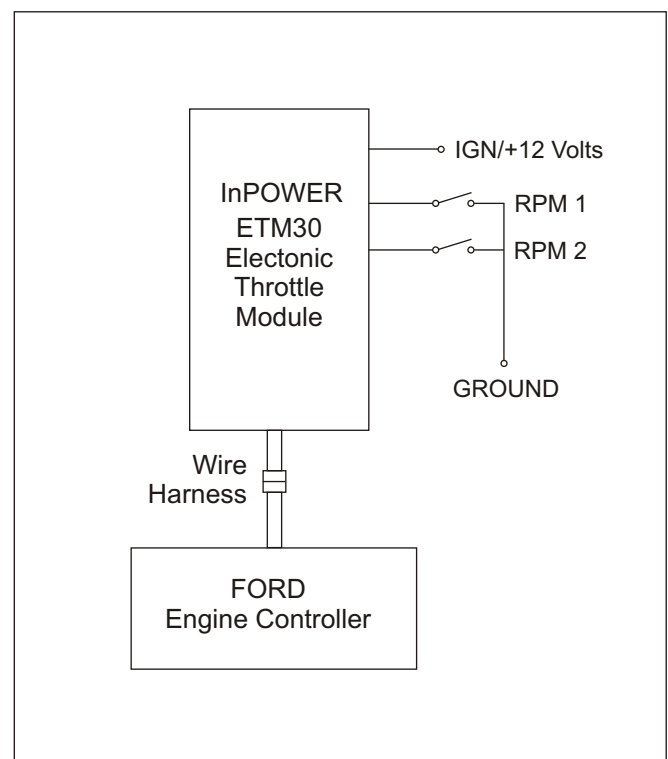
### *Two-Mode Speed Control for Ford 6.0 and 7.3 Liter Turbo Diesel Truck Engines*

The Model ETM30 Electronic Throttle Module is designed to provide two modes of engine rpm control for trucks that use Ford 6.0 or 7.3 liter turbo diesel engines. Mode selection is via two inputs, and mode priority interlocking is provided.

- Preset RPM 1 - Activated by switch input
- Preset RPM 2 - Activated by switch input

The ETM30 interfaces directly to the Ford engine controller using a standard cable that plugs into the chassis wiring harness. Five LED indicators are provided to display the selected operating mode, status, and error condition. The ETM30 is small in size (4" L x 2" W) making it easy to integrate into truck electrical systems. Connections are made with 0.25 inch Faston terminals and the unit is encapsulated to withstand severe environments. As the ETM30 interfaces directly to the engine controller it is not necessary to wire into engine sensors.

### System Diagram



# ETM30 Electronic Throttle Module

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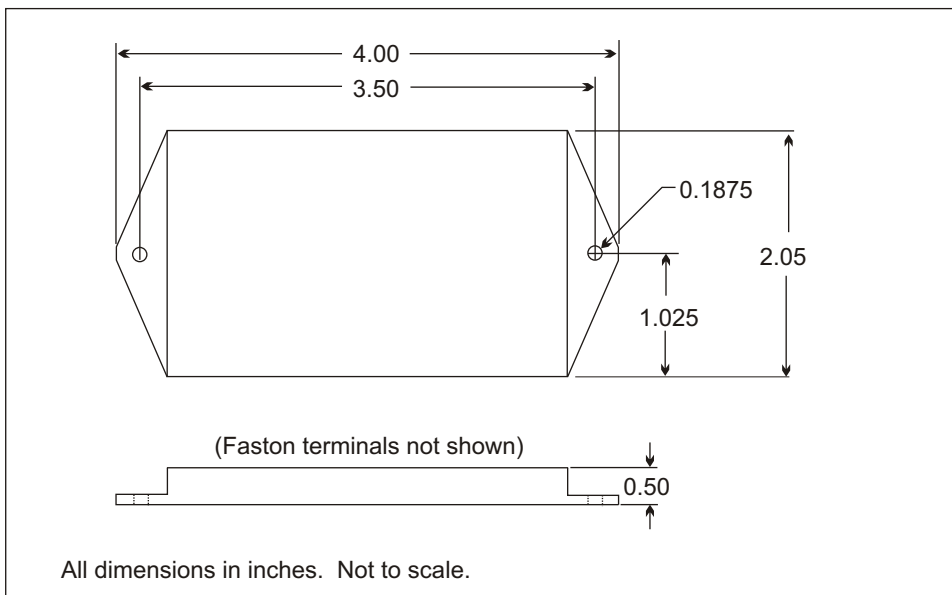
## Specifications

### Electrical

Input Voltage (+12V Terminal):	8 to 16 volts
Input Current (+12V Terminal):	37 mA
Standby Current:	28 mA
Input Current (on/off terminal):	1 mA
Control Current:	1 mA

### Mechanical

Weight:	0.164 lbs
Connections:	Faston 0.25 inch terminals
Case Material:	Cyolac thermoplastic
Encapsulation Material:	Epoxy potting compound, resistant to most fuels, oils, acids, and cleaning Agents.



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**Offered by:**