

Ford Electronic Throttle Module



Fast Idle Speed Control for Ford Trucks, Vans And Cut Away Chassis

Vehicle Compatibility

This electronic throttle is compatible with only certain Ford vehicle configurations. Refer to InPower Ford Electronic Throttle Application Guide AB-17 to determine the electronic throttle model that matches your vehicle model year, chassis, engine and transmission.

Applications

- Emergency Vehicles
- Work Trucks
- Transit & Shuttle Buses
- Pumper Trucks
- Service and Rescue Vehicles
- Hydraulic Systems
- Air Compressors
- Power Inverter Systems
- Warning Light Systems

Key Features

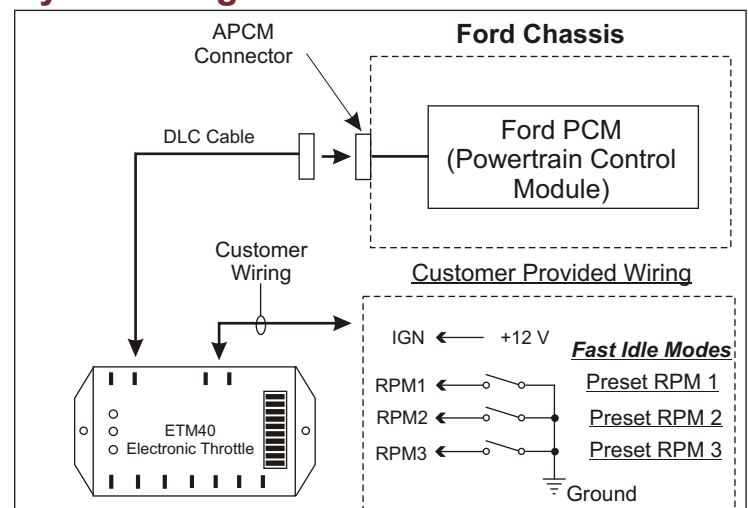
- Three user-adjustable speed presets with priority control
- Direct interface to engine controller
- Licensed Ford patented technology assures compatibility and reliability
- Includes interface cable to Ford ECM
- Engine Control Module programming for speed presets not required
- LED status and troubleshooting indicators
- Encapsulated electronics for maximum environmental protection

The ETM40B and ETM40C Electronic Throttle Controllers provide four modes of engine rpm control for certain 1995 ½ - 2004 Ford trucks, vans, buses and sport utility vehicles equipped with diesel engines.

The three fixed speed preset modes are selected by applying a ground to the RPM1, RPM2 or RPM3 mode input terminals and applying +12 volts to the IGN terminal. The three fast idle presets can be individually adjusted by calibration potentiometers accessible on the top of the module. Ten LED indicators are provided to display the selected operating mode, system status, and error conditions.

The ETM40B/C controller module is compact, measuring only 2 x 4 inches. Wiring terminations utilize 0.25 inch Faston (blade) terminals. Its circuitry is encapsulated for maximum environmental protection. The ETM40 mounts under the dash and interfaces directly to the Ford engine controller (PCM) using a supplied cable that plugs into the Ford chassis harness (APCM connector).

System Diagram



ETM40B/C Electronic Throttle Module

Specifications

Electrical

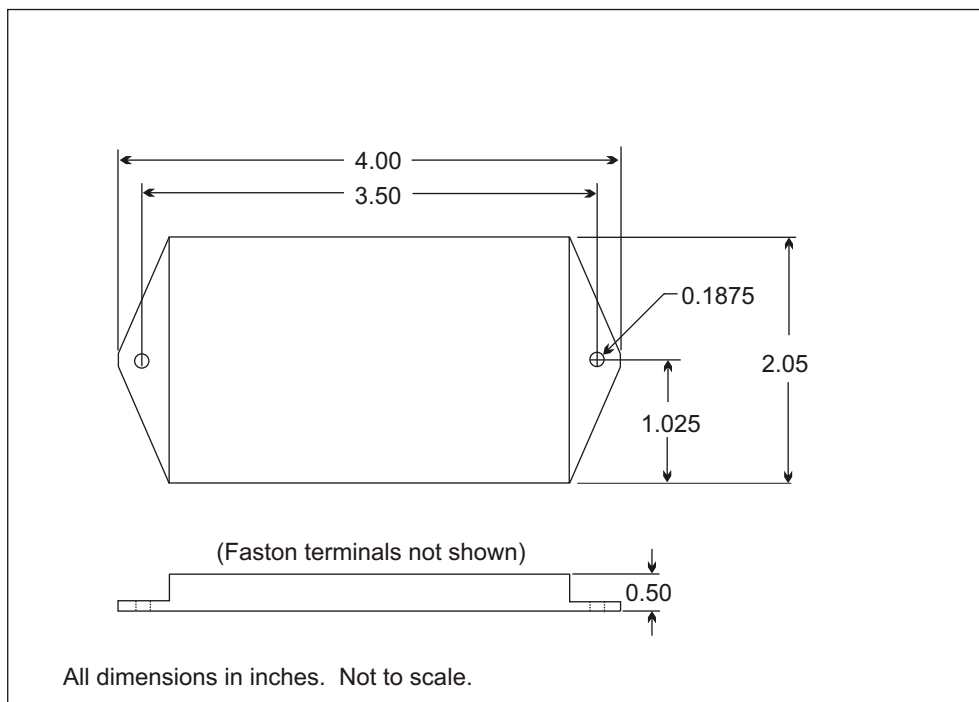
Input Voltage (+12V Terminal):	8 to 16 volts
Input Current (+12V Terminal):	37 mA
Standby Current:	28 mA
Input Current (on/off terminal):	1 mA
Control Current:	1 mA

Mechanical

Weight:	0.17 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.

Note - A five ft., four conductor cable is supplied with the ETM40 that connects it to the Ford wiring harness' four-pin APCM plug.

Mechanical Drawing



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Specifications subject to change without notice.