

TIER 4F INTEGRATED CONTROL AND DISPLAY FOR CANBUS ENABLED ENGINE SYSTEMS

The ECU-770 series integrates CANBUS-enabled engine system control, fuel sender sensing, LED annunciation, and needle-type gauge display into a robust and economical package for low-cost automatic engine control panels. Many options available for OEM manufacturers.

ECU- 770

ONE VERSION FOR
12 AND 24 VDC

APPLICATIONS: CANBUS Engine System Panels

FEATURES:

- Standalone automatic CANBUS engine control
- Full EPA Level LED status indicators
- Seven needle-type gauges for parameter display
- Relay outputs for starter, fuel
- Automatic gauge zeroing on system shutdown
- Zero power consumption when off
- Impact-resistant polycarbonate bezel
- Epoxy encapsulated

Available 1st Quarter 2016



ECU[®] - 770 TIER 4F INTEGRATED CONTROL AND DISPLAY

The CANBUS enabled ECU-770 series integrates a full featured engine control with 7 full gauges. The unit allows for very low wire counts to achieve full control and full instrumentation. Reduction in panel wiring and assembly time further reduces total cost of installation for OEM customers.

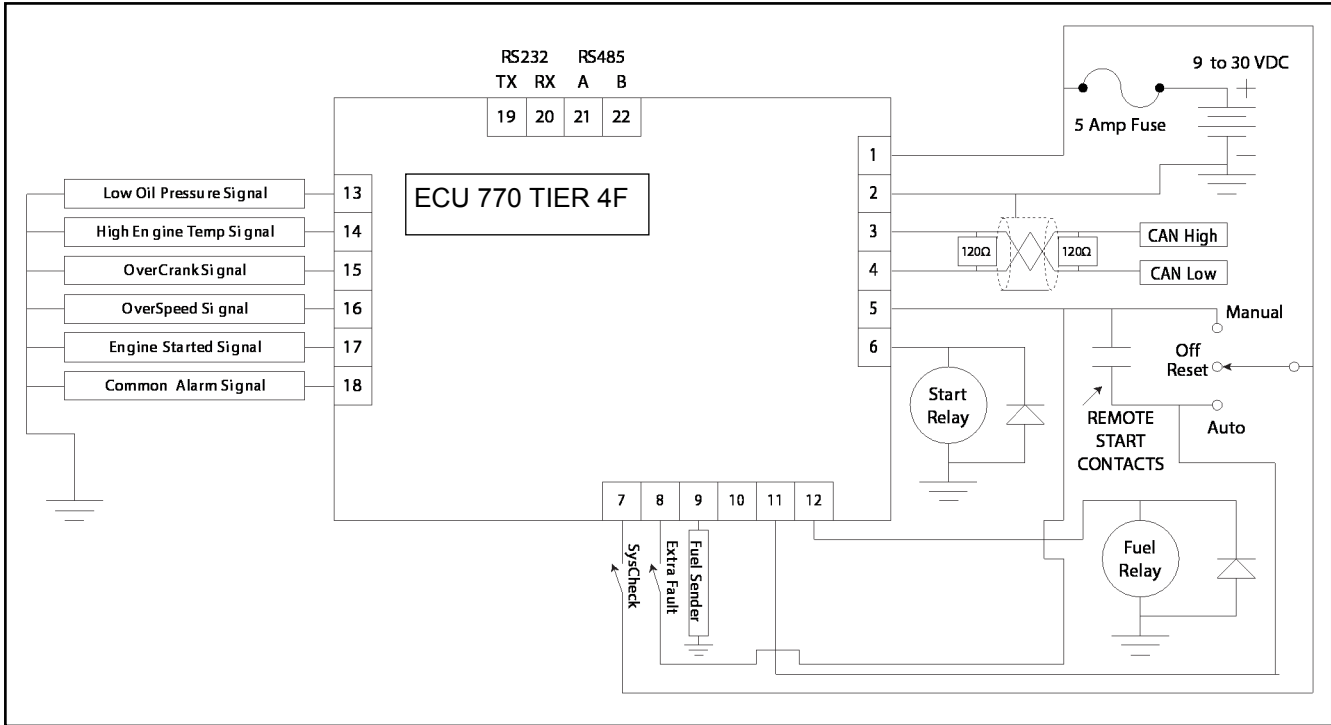
The unit also has an “auto zero” function that when the unit is instructed to be in the off state all meters are zeroed first and then the unit disconnects itself from the battery resulting in zero power draw. Standard CAN bus signals particular to each engine type is used for speed and fault detection from the ECM.

The 770 includes a standard fuel sender input circuit with 30 to 240 ohms input to show fuel very accurately based on the sender resistance value. If wired a push button can supply power to the SysCheck Terminal and the unit will power up and show fuel and battery voltage without starting the engine. If you then turn on the manual switch the ECM will power also allowing all current data to show without Engine Start. Field firmware upgrades possible via a programmer.

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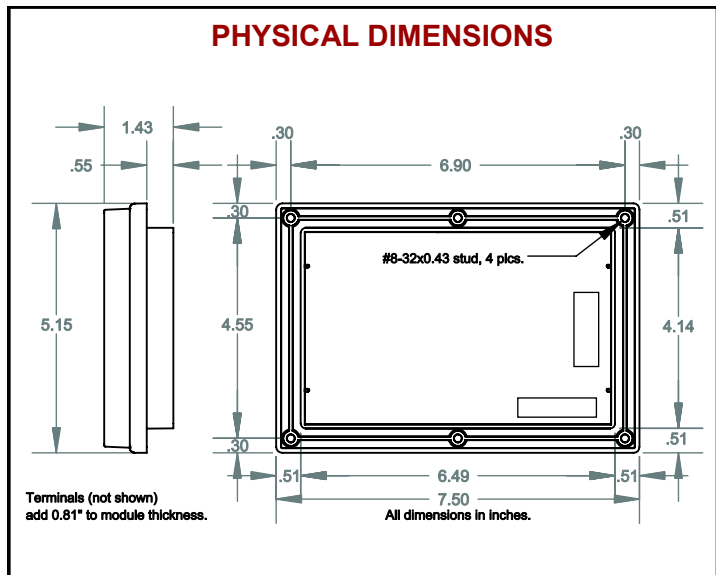
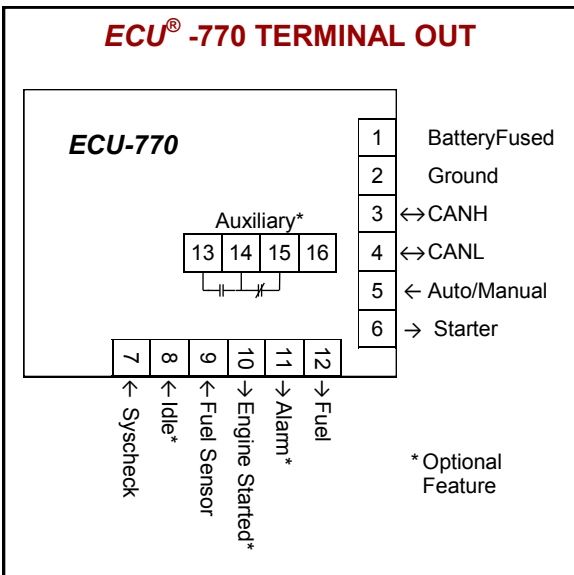
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SAMPLE ECU[®]-770 APPLICATION:
All Options Purchased Configuration



In the sample application above, a fully featured *ECU-770* series fulfills control, parameter display, and status annunciation needs for an economical CANBUS enabled engine system, with a single unit. The Low DEF/Low Fuel will turn on for either Low Def or Low Fuel Condition. Above drawing shows RS232 and RS485 Options as well as the full output signals for the 6 status signals shown. All data is derived from the CAN bus except Battery voltage and Fuel level. Contact Engineering for more information.

SPECIFICATIONS: INPUT VOLTAGE: 9-30 V_{DC}
STANDBY CURRENT: 0.000 A



ORDERING INFORMATION:
ECU[®] - 770

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