MODBUS ENABLED
5-GAUGE PARAMETER DISPLAY PANEL

The ECU-GAUGE integrated gauge panel, a companion to the ECU-800 line of system control and diagnostic units, provides familiar gauge display of selected parameters.

ECU®- GAUGE

ONE VERSION FOR
12 AND 24 VDC

APPLICATIONS: Operational Parameter Display

FEATURES:

- Compatible with ECU-800 series controls
- Automatic gauge zeroing on system shutdown
- Zero power consumption when off
- EMI-robust MODBUS communications over distances up to 1000'
- Impact-resistant polycarbonate bezel
- Epoxy encapsulated

ECU®- GAUGE INTEGRATED GAUGE PANEL

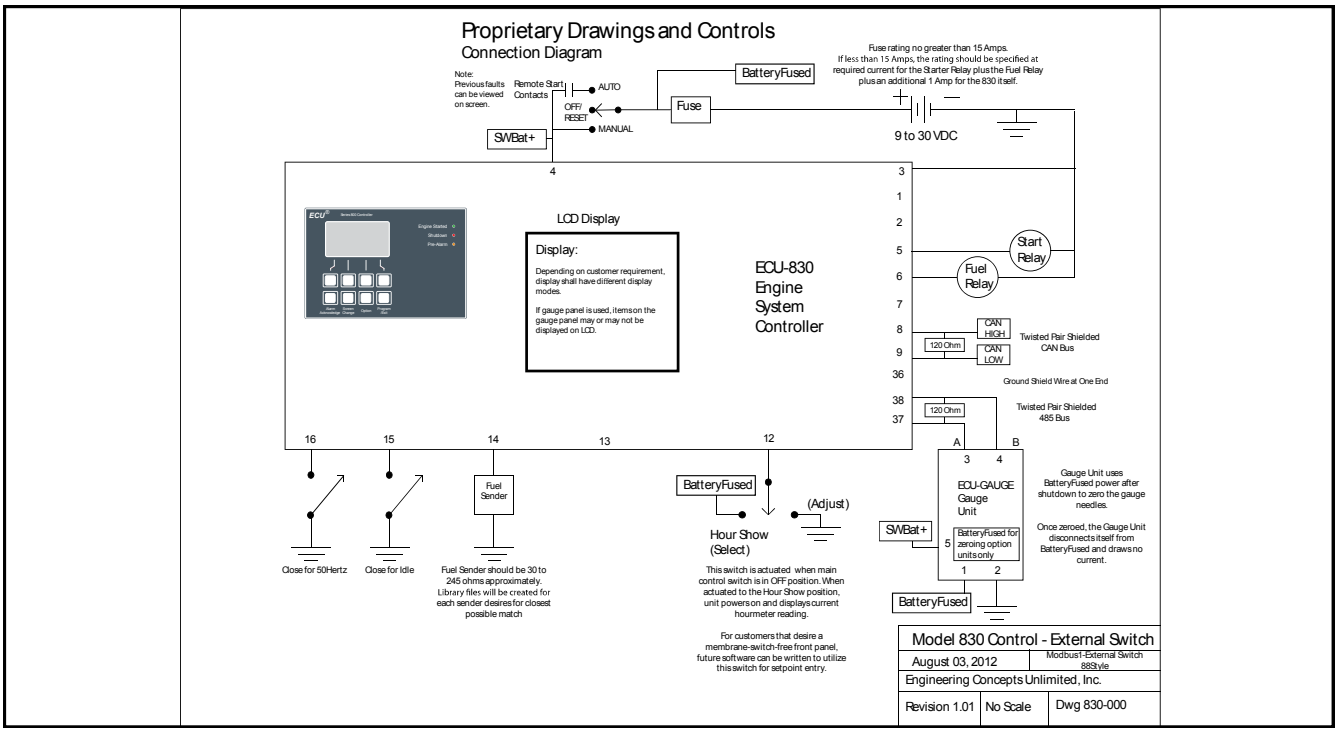
Advances in engine systems have pushed the work of sensing operational parameters from an engine system integrator's domain to that of the engine company. Combined with CANBUS-based control systems, this generally results in operational parameters being transmitted via CANBUS. Though digital data lends itself to digital LCD or LED display, many customers prefer the at-a-glance convenience of a needle-type gauge.

For applications specifying an ECU-800 type controller, the ECU-GAUGE provides an economical solution for needle-type gauge display of operational parameters, processed by the ECU-800 from both CANBUS messages and direct acquisition from attached sensors. If display of many parameters on needle-type gauges is desired, multiple ECU-GAUGE units can be networked using a shared MODBUS twisted pair.

P.O. BOX 250 - 8950 TECHNOLOGY DRIVE - FISHERS, IN 46038
Voice: 317-849-8470 Fax: 317-849-6475 E-Mail: sales@ecu-engine-controls.com

SAMPLE *ECU*®-GAUGE APPLICATION:

SAMPLE ECU-800 BASED SYSTEM APPLICATION



In the above application, the ECU-GAUGE can be seen attached to an ECU-800 series controller, via a 120Ω terminated shielded twisted pair. This will be used for MODBUS signaling between the ECU-800 and the ECU-GAUGE. It is notable that multiple ECU-GAUGE modules can be addressed by a single ECU-800 series controller.

Current will be drawn on the BatteryFused line after SWBat+ is removed for a short time while the ECU-GAUGE performs its automatic gauge zeroing function. Following the conclusion of this process, the ECU-GAUGE will shut down and no current will be drawn from the battery.

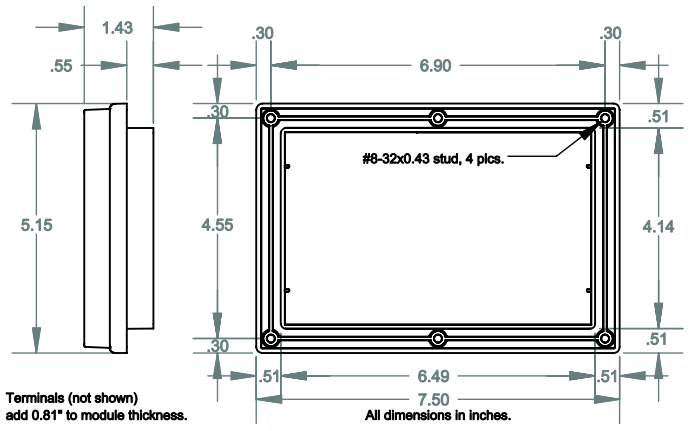
SPECIFICATIONS:

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

ECU® -GAUGE TERMINAL OUT

Please see the above application for terminal output specification.

PHYSICAL DIMENSIONS



ORDERING INFORMATION:
ORDER BY SPECIFYING: *ECU*®-GAUGE