

ADVANCED ENGINE CONTROL

COMPLETE ENGINE & PUMP EQUIPMENT DISPLAY, MONITORING AND CONTROL PANEL



MWI's advanced engine monitoring and control for small to large-volume water pump systems provides a robust solution in a compact package. Monitor and control your pump system throttle, pressure, emissions, and auto operations all from one easy-to-read digital display. The panel is designed for fully automated operation, including fault indicator lights, auto start/stop and telemetry. The engine control panel is protected behind a lockable clear window that provides easy access when needed. Each controller is plug-and-play ready for all engine makes and models covering all emission tiers including final Tier 4.

FEATURES

- Complete engine display and alarms for mechanical and J1939 / iT4 engines
- Advanced throttle configurations for auto operation, start/stop and integrated equipment/engine control
- Large, easy-to-read OLED display provides excellent visibility
- Performance in the most extreme conditions
- I/O capabilities - a full range of configurable inputs and outputs for seamless integration
- Easy communications to other external systems including telemetry, SCADA and PLCs
- Large, stainless steel, tactile buttons for operators with gloves
- Rugged, lockable clear window for visibility, safety and security
- Fault codes are displayed with occurrence count, fault message and color coded
- View both active and stored codes with up to 32 faults in alarm log
- Covers all emission tiers including final Tier 4
- Integrated emissions monitoring and control for regeneration and DEF
- Emissions lamps and messages provide operator information and push button instructions

APPLICATIONS

Any and ALL makes and models of drive units including:

- Mechanical Engines
- J1939 Engines
- iT4 / Tier 4 Engines



QUICK SPECIFICATIONS

Enclosure	Polycarbonate
Display	Organic Light Emitting Diode (OLED)
Buttons	Stainless Steel Domes
Connectors	Tyco Ampseal
Inputs/Outputs Max	In: 7 Analog, 16 Digital / Out: 8
Communications Available	J1939 CANbus / RS-485 Modbus
Configurations Available	Single and Dual Connector Platforms
Electrical Operating / Max Current	5.5VDC - 36VDC / 12.6VDC: 150mA
Dimensions	10.7" x 11.4" x 6.1"
Environmental / Temperature	IP67 / -40°F/-40°C to 176°F/80°C

