



COMPACT ENGINE PARAMETER AND DIAGNOSTIC DISPLAY

Displays Up to 20 Standard Engine Parameters
Supports SAE J1939 Protocol
Visual Alarm Indication with Warning and Shutdown
Displays Active DM1 and Stored DM2 Fault Messages
Simple Installation and Rugged Design
Tier 4/Stage IIIB/IV Compliant



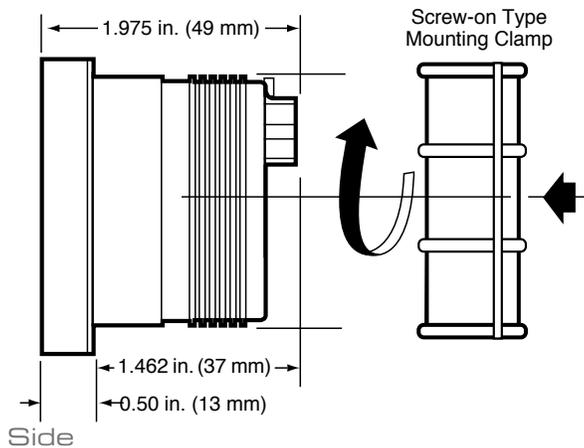
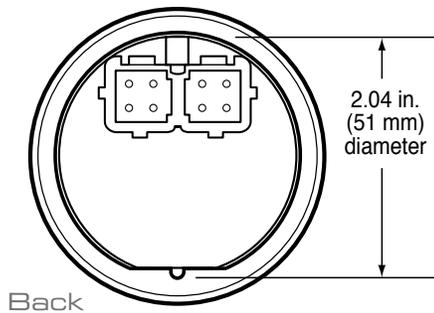
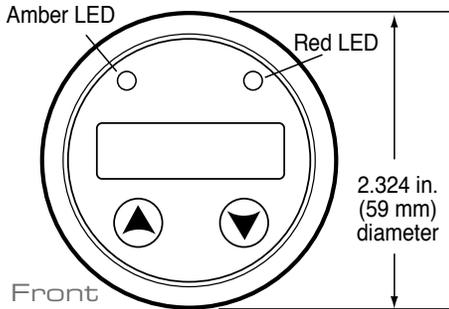
Murphy's PowerView[®] 25 display integrates valuable electronic engine parameter data into a compact and economical design suitable for rugged environments as well as in-cab applications.

The PV25 features two push buttons for quick access to diagnostic fault code data and a back-lit graphic display along with two alarm indication LEDs for enhanced viewability and alarm notification.

The PV25 diagnostic features save operational costs by displaying active and stored fault messages identified by the Suspect Parameter Number (SPN), Failure Mode Indicator (FMI) and the Occurrence Count (OC).

Typical engine parameters include engine RPM, engine hours, oil pressure, coolant temperature, system voltage, percent load at RPM and more.

STANDARD DIMENSIONS



TECHNICAL SPECS:

- Supported CAN Messages:
 - Engine Speed
 - Engine Oil Pressure
 - Engine Coolant Temperature
 - Voltage
 - Battery Potential (Switched)
 - Total Engine Hours
 - Machine hours
 - Percent Load at Current RPM
 - Total Fuel Used
 - Average Fuel Economy
 - Trip Fuel
 - Engine Oil Temperature
 - Exhaust Gas Temperature
 - Air Filter Differential Pressure

The following are available for Tier 4 applications:

- Percent Soot
- Catalyst Temperature
- Percent Ash
- Exhaust Filter Outlet Temp
- Exhaust Filter Inlet Temp
- Catalyst Tank Level
- Operating Voltage: 6 – 36 VDC
- Power Supply Operating Current: 460mA max @12 VDC; 810mA max @ 24 VDC
- Reversed Polarity: Withstands reversed battery terminal polarity
- CAN Bus: SAE J1939 Compliant
- Connectors: 4-pin AMP Mini-universal Mate-N-Lok Connector
- Standard Gage Hole Cut-Out: 2 inch (51 mm)
- Maximum Panel Thickness: 3/8 inch (9.6 mm)
- Shipping Weight (all models): 0.2 lb (100 g)
- Shipping Dimensions (all models): 3.875 x 2.75 x 2.75 in. (98.4 x 69.85 x 69.85 mm)

ENVIRONMENTAL SPECS:

- Operating Temperature: -40° to 70°C (-40° to 158°F)
- Storage Temperature: -55° to 85°C (-67° to 185°F)
- Sealing: IP68

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