



ENFO IV

STYLE

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Features

The ENFO IV is an engine monitoring device that reads and displays: engine RPM, engine coolant temperature, and engine oil pressure via SAE J1939 CAN messages from the engine Electronic Control Unit (ECU). It also displays vehicle voltage but this is independent of SAE J1939 CAN operation, can be used on both 12 and 24 Volt systems, uses an automatic voltage detection system to determine the low voltage point for alarm activation and it can be connected to an external alarm and external alarm silence switch. High engine temperature (250° F / 120° C), low oil pressure (10 PSI / 70 kPa / 0.70 Bar), or low voltage (11.9V or 23.8V) will cause the ENFO IV to activate the external alarm.

Applications/Solutions

- Fire OEMs
- Firefighting - Airport (ARFF)
- Firefighting - Industrial
- Firefighting - Structural
- Firefighting - Wildland Forestry
- Engine RPM display
- Vehicle Battery Voltage display
- Oil Pressure display
- Engine Coolant Temperature display
- Output for alarm/buzzer



Specifications

Country of Manufacture	US
Width	5.635" (143.12 mm)
Height	2.830" (71.88 mm)
Depth	2.060" (52.32 mm)
Volts	+9 VDC ... +32 VDC
Amperage	185 mA (13.8 VDC) / 115 mA (27.6 VDC)
Can Specification	SAE J1939 Proprietary 125, 250, 500 Kbits/second
Enviromental Range	IP 67

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Temperature range

- -40°C...+85°C

Electrical protection

- Internal thermal fuse
- Reverse voltage protection
- CAN buses protected to 24V
- ESD voltage protected to SAE J1113 specification for heavy duty trucks (24V)
- Transient voltage protected to SAE J1113 specification for heavy duty trucks (24V)