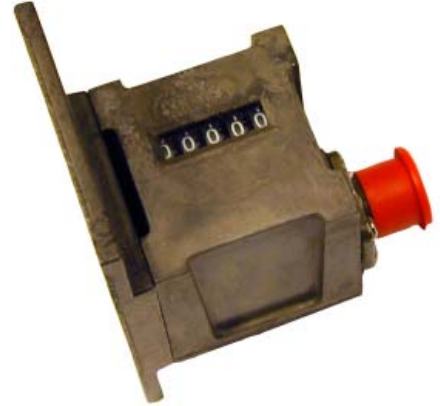




Elapsed Time Meter

FEATURES

- **Solid-state Electronic Timer with Mechanical Counter**
- **Timer Range up to 9,999 hours**
- **Designed for Diesel Engines in Military Vehicles**
- **Over-voltage and Reverse Voltage Protection**
- **Resettable by Maintenance Personnel**
- **Wide Voltage Input Range**
- **Robust – Designed for Heavy Shock and Vibration**



The Series 8000 Elapsed Time Meter is mounted on an engine, or in the engine compartment. The elapsed timer module measures engine run-time for the purpose of scheduling engine and vehicle maintenance activities. The range of the Elapsed Time Meter is 0 to 9,999 hours. Elapsed Time Meters with larger ranges are also available.

The Series 8000 Elapsed Time Meter consists of a cast aluminum housing that contains a miniature circuit card assembly, a connector for interface with the engine electrical system, and a heavy-duty mechanical counter. The Elapsed Time Meter has been designed for use with diesel engines in military tracked and wheeled vehicles. In these applications, the Elapsed Time Meter is exposed to very high and low temperatures, in addition to extreme shock, vibration and fluid exposure.

The Elapsed Time Meter is resettable by vehicle maintenance personnel using a special resetting device. The Meter can be mounted on or near the engine in any orientation. The nominal engine input voltage to the Meter is 28 Vdc; however, the full input range is 18 to 32 vdc. The Meter will not be damaged by reverse voltage connection.

The Series 8000 Elapsed Time Meter can be adapted to a wide variety of engines used in tracked and wheeled military vehicles and for other diesel engine





Specifications

- Input Voltage +18 to 32 Vdc
- Accuracy +/- 3.0 %
- Operating Temperature – 65 °F to + 225 °F
- Shock (Half-sine/3-Axis) MIL-STD-810
- Vibration (Sine/3-Axis) MIL-STD-810
- EMI MIL-STD-461A

The Markets We Serve



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