Techknowledgey®

1170-007 Hand Held Reader (M7793/12-1)

Our model 1170-007 hand-held reader is designed to the MIL-DTL-7793/12A military specification for reading MIL-DTL-7793/13A, /14A, /15A, and /16A solid state elapsed time indicators and event counters. The 1170-007 reader (MIL P/N: M7793/12-1,NSA: 6645-01-338-8506) displays the number of hours or events when attached to one of the above specified devices. A single pushbutton switch activates the reader in approximately 2 seconds to display the hours or events. Once completed, the reader turns itself off.

Features

- Designed to meet Mil Spec MIL-DTL-7793/12A
- Replaces Models 1170-004 and 1170-001
- Faster reponse time and easier to read LED display
- Rugged construction that is field serviceable with output cable options

Specification - Designed to meet military specification MIL-DTL-7793/12A

Weight	Complete assembly, including battery, 15 oz maximum
Display	Seven light emitting diode (LED) digits and two LEd indicators
Battery	Power supplied by one 9 volt NEDA
Durability	No mechanical or electrical degradation after 100 cycles
Temperature	Operational: -20° to +85C°, Storage: -55° to +85C°
Altitude	(non-operational) 15,000 feet maximum
Vibration	In accordance with MIL-STD-202, Method 201
Shock	In accordance with MIL-STD-202, Method 213
Operational Accuracy	No deviation from actual elapsed time as contained in the output data
Power consumption	Discharge current shall not exceed 80 milliamperes any time Discharge current shall not exceed 2 microamperes when non-operational
Input voltage overload protection	Shall not be damaged by continuous input overloads of ± 50 volts or transient voltages of ±500 volts for up to 10 microseconds
Connector	Modified MS3106A10SL-3S or MIL-C-MS5015
Battery Life	1200 reading cycles
Moisture resistance	Method 106 of MIL-STD-202