

Universal ETI Reader ET/HHR/3A

Features

- Plug-in interrogation of electronic elapsed time indicators (ETIs).
- Compatible with MIL-M-7793 elapsed time indicators.
- Sunlight viewable LCD dot matrix display with user selectable LED back-lighting.
- Ruggedised construction, sealing to IP65.
- Interchangeable interface leads permit reading of many styles of ETI.
- Wide operating temperature range (-20°C to +70°C).

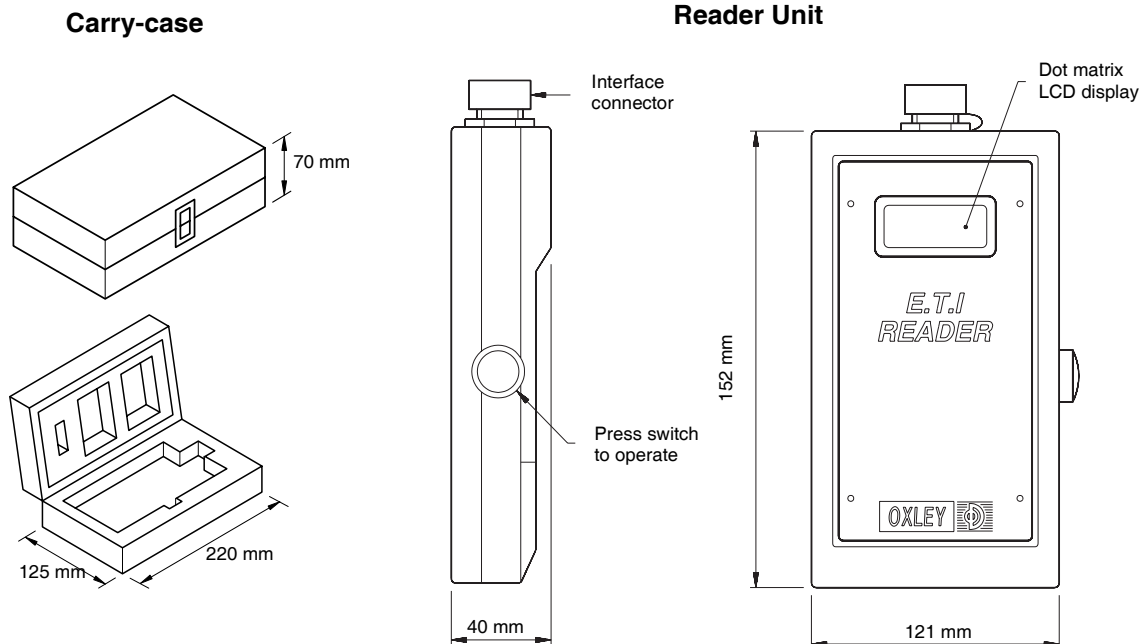
For ordering information see [page 14](#)

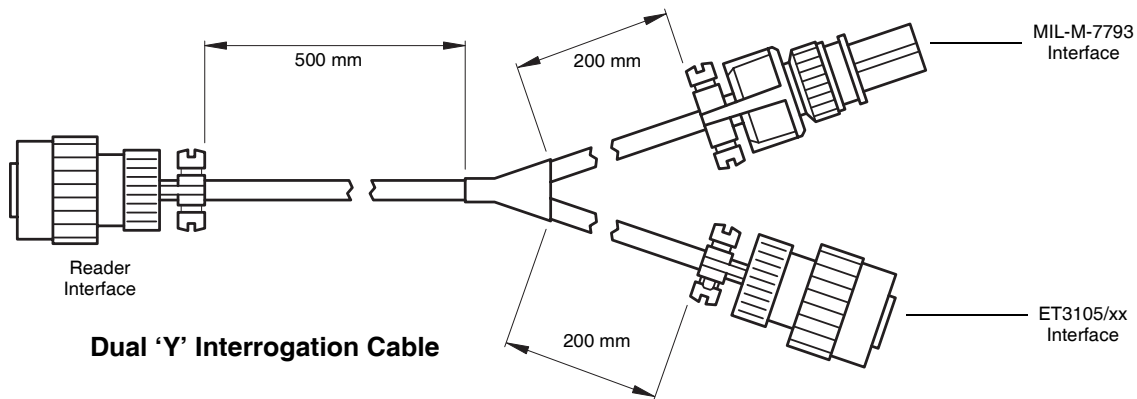


Description

The Oxley ET/HHR/3A is a rugged hand-held instrument for plug-in interrogation of Oxley ET2010, ET3105 and MIL-M-7793 electronic elapsed time indicators. The Reader will display Hours and or Events when plugged into an ETI device even when the host equipment is un-powered.

The Reader unit features a sunlight viewable 8 character by 2 line dot matrix LCD, user selectable LED back-lighting, single button operation and user replaceable alkaline 9V battery capable of powering up-to 2000 readings. A 'Y' interrogation cable and protective carry-case is included as standard.





Ratings

| | |
|-----------------------|---|
| Battery type | 9 V PP3 (alkaline type recommended) |
| Battery life | Typically 800 readings with back-lighting enabled; 2000 readings with back-lighting disabled (figures are for alkaline battery at 20°C ambient temperature) |
| Operating temperature | -20°C to +70°C |
| Storage temperature | -40°C to +90°C |
| Sealing | IP65 |

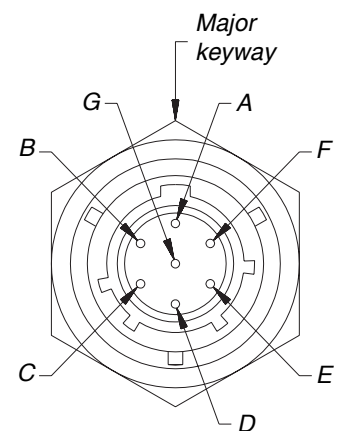
Compatible ETIs

ET/HHR/3A is compatible with all Oxley [ET2010](#) and [ET3105](#) and MIL-M-7793 type electronic ETIs.

Connection Details

All connections to the ET/HHR/3A are made through the top mounted connector. This conforms to BS 9522 F0017 and has a 10-07 contact arrangement.

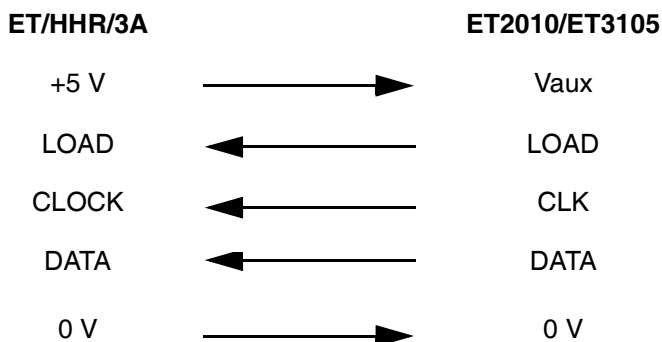
| PIN | DETAILS |
|-----|---|
| A | +5 V power supply |
| B | +9 V power supply |
| C | LOAD - synchronous data load pin |
| D | CLOCK - synchronous data clock pin |
| E | DATA - synchronous or asynchronous data pin |
| F | 0 V - Common |
| G | N.C. - Not connected |





Examples

ET2010/ET3105 Connection



Ordering Information

Please specify Type No. and the quantity required.

| TYPE No | DESCRIPTION |
|------------------------|---|
| ET/HHR/3A | Reader unit supplied complete with dual 'Y' interrogation cable and carry-case |
| ET/HHR/3A/READER-UNIT | Reader unit only |
| ET/HHR/3A/CABLE | Interrogation cable non-terminated |
| ET/HHR/3A/CABLE-SINGLE | Single interrogation cable for ET3105 type electronic ETIs only |
| ET/HHR/3A/CABLE-DUAL | Dual 'Y' interrogation cable for ET3105 and Mil-M-7793 type electronics ETIs only |
| ET/HHR/3A/CARRY-CASE | Carry-case only |