

Instructions Manual – Large Digit Display (LD-T)

Sensor connections:-



Terminal (located bottom left hand corner)

PT1000 sensor Terminal 13 (Red)
Terminal 14 (White)



Connections:-

12Vdc Supply	Terminal 7 (Negative)	240V ac Supply	Terminal 1 (Live)
	Terminal 8 (Positive)		Terminal 2 (Neutral)
			Terminal 3 (Earth)

Wall Mounting: - The LD-T is mounted via the wall brackets attached to the unit in each corner.



Terminals (Located bottom right hand corner)

Calibration: - The unit is pre calibrated and should require no adjustment.

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Alarm Set Points

The display has two independent relays used for Hi and Lo alarms. The alarms are set via two adjustment potentiometers located on the left hand side of the enclosure. The top potentiometer adjusts the “Hi” alarm set point and the lower potentiometer adjusts the “Lo” alarm set point.



Setting the Alarms

Turning the relevant potentiometer sets the alarms. Turning the potentiometer clockwise will decrease the alarm set point and anticlockwise increases the alarm set point. When setting the “Hi” alarm the decimal point on the first LED will illuminate to indicate you are setting the “Hi” alarm. The decimal point on the second LED flashes during this time to indicate set point adjustment, it will also illuminate whilst setting the “Lo” alarm. The LED will continue to flash for 25 seconds then revert to normal monitoring.

If the display shows OC during this operation then the potentiometer has been over rotated and must be rotated clockwise until the display shows a set point figure. If the display shows SC

during this operation then the potentiometer has been over rotated and must be rotated anticlockwise until the display shows a set point figure.

Note. When setting the alarms allow 10 seconds for the display to stabilise.

The display will indicate an alarm condition by flashing between the relevant alarm condition e.g. “Hi” or “Lo” and the input value.

Alarm Connections



Terminal (located bottom right hand corner)

- Terminal 9 - Hi alarm common
- Terminal 10- Hi alarm Normally Closed
- Terminal 11- Hi alarm Normally Open
- Terminal 12- Lo alarm common
- Terminal 16- Lo alarm Normally Closed
- Terminal 15- Lo alarm Normally Open