

Eltek TU1059 - GD43E connectors and links

Connections

Channel A

Ranges are 0-100mV / 1V / 10V / 0-20mA / 4-20mA

Channel B

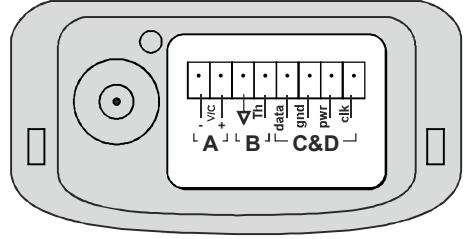
Thermistor temperature input with range -50 to +150 °C.

Channels C, D

These channels are the digital signal and power for the RH and temperature probe (RHT10E only).

Channel C is presented to the logger as the temperature.

Channel D is presented to the logger as the RH.



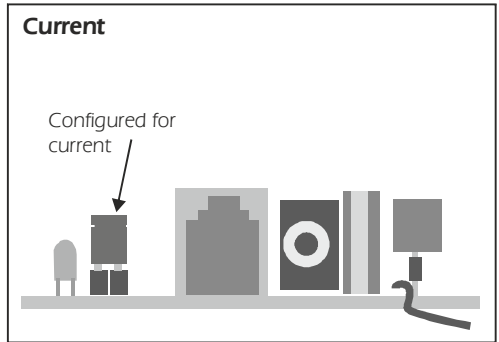
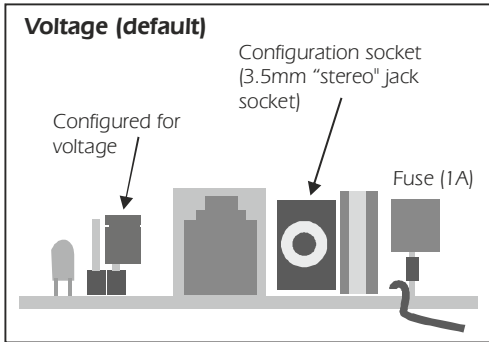
Selecting voltage or current for channel A

To use channel A as a current input, the position of a jumper inside the unit must be altered.

To open the unit

- Remove the 2 x M3 screws retaining the bottom plastic cover.
- Withdraw the battery but do not disconnect.
- Note the orientation of the battery to ease reassembly.
- When reassembling, ensure the battery is installed correctly.

Use tweezers or long nose pliers to move the jumper into the correct position:



Concealed switch (Engineering use only)

Function of rear case access service switch – (use e.g. paper clip or small screw driver)	Activate (press) switch for	Top panel red LED cadence	LCD
To disable the transmitter	5 seconds	5 x fast flashes	After 5 seconds displays OFF
To enable the transmitter	5 seconds	1 x 5 sec flash	After 5 seconds the display scrolls through the active channel input values
To put transmitter in test mode (5 sec average TX for 2 minutes)	1 second	No indication	No change

Note: When renewing batteries, and especially if transmitter is no longer operating, ensure you allow one minute with no batteries connected before installing new batteries. This is to ensure transmitter performs a power on reset.