

Eltek TU 1019 - GS42/GS42E connectors and links

(Applicable to transmitters with serial numbers above 14889*)

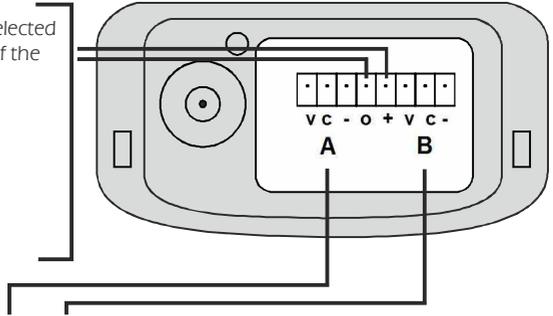
Connections

The **GS-42** provides a 5V or 12V sensor supply (the selected sensor voltage is present only during transmission or if the sensor supply is enabled in TxSetup).

- 0 is sensor supply output -ve
- + is sensor supply output +ve.

The **GS-42E** has the option to be powered from an external 9VDC regulated supply.

- 0 is external supply -ve
- + is external supply +ve.

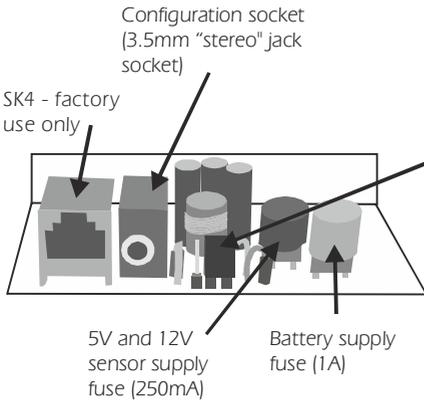


Both transmitters provide two voltage/current inputs, A and B.

- v** is a voltage input. (0-100mV / 1V / 10V plus EU scaling configured using Darca software)
- c** is a current input. (0-20mA or 4-20mA plus EU scaling configured using Darca software)

If current is used link **v** to **c**. - is the -ve voltage or current input.

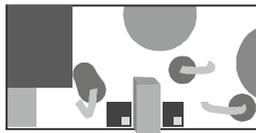
Links



Position of link to provide 5VDC precision (20mA max) sensor supply on Connector 1 (0 +)



Position of link to provide 12VDC regulated (80mA max) sensor supply on Connector 1 (0 +)



Position of link to enable 9VDC regulated supply to power transmitter at Connector 1 (0 +)
The internal batteries are not active unless the external supply fails.

Caution

Do not apply external power to Connector 1 (0 +) if configured as sensor supply. Damage to the unit can result.

If configured by Eltek the product is GS42E.

If a GS42 is configured by user to GS42E please annotate serial number labels by adding "E"

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.

*For serial numbers prior to this, the 5V and 12V are swapped and the external supply link is not provided.