ELKOR

ETVI

VOLTAGE-TO-CURRENT TRANSDUCER

FEATURES:

- Cost Effective Solution.
- High Accuracy.
- Manual Output Override.
- Loop Current Indication.
- Small Size and Easy Installation.

APPLICATION:

The ETVI two channel board converts analog voltage, typically 0 to 10 VDC, to an industrial standard 4-20 mA signal.

This board can be used to interface a generic DDC panel that provides voltage output with any loop current driven device.

SPECIFICATIONS:

Power: 24 VAC, 3 VA

Input: 0-10 VDC from a DDC controller.

Output: 4-20 mA sourcing in to current loop (1000 Ohm max.) ; Manual override in LOCAL position.

Accuracy: Better than 0.5 % FS

Indication: Power Supply - green LED, output status - amber LEDs, LOCAL position - red LEDs.

Dimensions: 2.75" x 2.75 " (70 x 70 mm) , board mounts in TR-2 snap track (provided).

PRODUCT DESCRIPTION:

The ETVI board accepts voltage signal (typically 0-10 VDC) and provides 4-20 mA two wire current output. The board is equipped with LOCAL-AUTO switches with the LOCAL position indication (red LED). In LOCAL position (manual mode), the output current can be precisely modulated by a trim pot located on the board.

Each 4- 20 mA loop current is indicated by a large amber LED. This feature is convenient to check the loop integrity and to observe the loop current changes. The maximum loop resistance is over 1000 Ohm.

The ETVI board contains two identical channels. It is equipped with angular connectors for fast and easy wiring and mounts in a 2.75" wide snap track (provided).

ORDERING INFORMATION:

ETVI - fully describes this product.