1. INSTALLATION

- Panel-Mounting:
  - Mounting panel must be rigid, and may be up to 0.8mm (0.031"") thick. Cut-out: 11.25" x 6.75".
- Cut-Out Dim A: 11.25" x 5.25; Dim B: 6.75" x 4.25, for most instrument types. For specific inserts, consult CTD ALTRONIX.
- For multiple instrument mounts side-by-side, cut-out A is 48.6mm (1.9"), Dim B 36.4mm (1.44"").
- Panel Mounting:
  - Insert instrument into the panel cut-out.
  - Hold front bezel firmly (without pressing on display area), and re-fit mounting clamp. Push clamp forward, using a tool if necessary, until gasket is compressed and instrument held firmly in position.

- Rear Terminal Wiring:
  - Use COPPER Conductors (except for T/C input).
  - Single stranded wire gauge: Max 1.2mm (16AWG).

2. SELECT MODE

- Select mode is used to access the configuration and operation menu functions. It can be activated at any time by holding down \( \text{F1} \) and pressing \( \text{F5} \) in sequence.
- In this mode, the DEFAULT value for all parameters is stored in the instrument. An unlock code is required to prevent unauthorized entry to Configuration & Setup modes.
- Press \( \text{F1} \) to return to Unlocked state, then press \( \text{F5} \) to proceed.

3. CONFIGURATION MODE

- First select Configuration mode from Select mode (refer to section 2).
- Press \( \text{F1} \) to scroll through the parameters, then press \( \text{F2} \) or \( \text{F3} \) to set the required value.
- Press \( \text{F1} \) to accept the change, otherwise the parameters revert to previous values.
- To exit Configuration mode, hold down \( \text{F1} \) and press \( \text{F5} \) to return to Select mode.

- Parameters displayed depend on how instrument has been configured. Refer to user guide (available from your supplier) for further details.
- Parameters marked “\( \text{*} \)” are repeated in Setup Mode.

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**Panel-Mounting**

The mounting panel must be rigid, and may be up to 0.8mm (0.031") thick. The cut-out dimensions for most instrument types are 11.25" x 6.75". For multiple instrument mounts side-by-side, the cut-out dimensions are 48.6mm (1.9") for Dim A and 36.4mm (1.44") for Dim B. To mount the instrument, insert it into the panel cut-out, hold the front bezel firmly without pressing on the display area, and re-fit the mounting clamp. Push the clamp forward until the gasket is compressed and the instrument is held firmly in position.

**Rear Terminal Wiring**

Use COPPER conductors (except for T/C input) with a stranded wire gauge of 1.2mm (16AWG) maximum.
1. SETUP MODE

Note: Configuration must be completed before adjusting Setup parameters. First select Setup mode from Select mode (refer to section 2). The Setup LED will light while in Setup mode. Press to scroll through the parameters then press to set the required value. To exit from Setup mode, hold down and press to return to Select mode. Note: Parameters displayed depend on how instrument has been configured.

2. OPERATION MODE

This mode is entered at power on, or accessed from Setup mode (see section 2). Note: All Configuration mode and Setup mode parameters must be set as required before starting normal operations. Press to scroll through the parameters.

3. PRODUCT INFORMATION MODE

First select Product Information mode from Select mode (refer to section 2). Press to view each parameter. To exit from Product Information mode, hold down and press to return to Select mode. Note: These parameters are all read only.

4. ERROR/FAULT INDICATIONS

Instrument parameters are in the normal condition. Press to enter the Configuration mode, then press to proceed.

5. ENVIRONMENTAL

Note: All sets are set at 5% to 80% (absolute) –25°C to 80°C (Storage). Temperature: 20% to 90% non-condensing. Altitude: <2000 m for 240VAC ±15%, ±50Hz, 7.5VA (for mains powered versions). Power Supply Voltage and Output Voltage: 20 to 48VAC 50/60Hz to 22 to 65VDC 5W (for low voltage output).