To Set the Decimal Point

1. If it's not already shown, press MENU until the unit displays SET PTS / DEV MENU RESET / MAX.
2. Press ▲ / DEV to show the current decimal point location.
3. Press ▼ / MAX to move the decimal point to the desired location. The choices are ▼ / ▼ or ▼ / ▼.
4. Press MENU to store the value.
5. Press RESET twice to display the current temperature.

To Enter Setpoints:

1. Press SETPTS to display the current temperature.
2. The leftmost digit will flash.
3. Press ▲ / ▲ to select the digit you want to change.
4. Press ▼ / ▼ to change the value of the flashing digit.
5. Press RESET twice to display the current temperature.

To Select Temperature Unit (Fahrenheit or Celsius):

1. Press MENU until the display shows °F or °C.
2. Press ▲ / ▲ to display the current temperature unit.
3. Press ▼ / ▼ to select between °F and °C.
4. Press MENU to store the value.
5. Press RESET twice to display the current temperature unit.

WARNING: These products are not designed for use in, and should not be used for, equipment that may generate hazardous situations.

This device is marked with the international caution symbol. It is important to obey these warnings, and the device contains a circuit that when activated by the user should be configured. The device contains a circuit that contains the following standard U.S. Patent No. Des. 336,895, Des. 336,895A, Des. 336,895B, and Des. 339,170A.

To Set the Decimal Point

1. Press MENU to store the value.
2. Press ▲ / ▲ to show the current decimal point location.
3. Press ▼ / ▼ to move the decimal point to the desired location. The choices are ▼ / ▼ or ▼ / ▼.
4. Press MENU to store the value.
5. Press RESET twice to display the current temperature.

To Enter Setpoints:

1. Press SETPTS to display the current temperature.
2. The leftmost digit will flash.
3. Press ▲ / ▲ to select the digit you want to change.
4. Press ▼ / ▼ to change the value of the flashing digit.
5. Press RESET twice to display the current temperature.

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1. Press MENU until the display shows °F or °C.
2. Press ▲ / ▲ to display the current temperature unit.
3. Press ▼ / ▼ to select between °F and °C.
4. Press MENU to store the value.
5. Press RESET twice to display the current temperature unit.

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To Select Temperature Unit (Fahrenheit or Celsius):

1. Press MENU until the display shows °F or °C.
2. Press ▲ / ▲ to display the current temperature unit.
3. Press ▼ / ▼ to select between °F and °C.
4. Press MENU to store the value.
5. Press RESET twice to display the current temperature unit.
Using This Quick Start Manual

Use this Quick Start Manual with your controller to make your thermocouple type, decimal point, units, and to change the setpoints.

Features with " are for the “B” version which has three-color programmable “Big” LED display. All segment characters shown are for the “B” version.

For detailed instructions, refer to the appropriate section in the Operator’s Manual.

Before You Begin

In addition to the meter and the related parts, you will need the following items to set up your meter:

- ac power, as listed on meter’s ID/Power Label
- Thermocouple
- 1/8" flat blade screwdriver

Safety Consideration

This device is marked with the international Caution symbol.

The instrument is a panel mount device protected in accordance with EN61010-1 (Safety requirements for electrical equipment for measurement, control, and laboratory standard). Remember that the unit has no power-on switch. Building installation should include a switch or circuit-breaker that must be compliant to IEC 947-1 and 947-3.

SAFETY:

- Do not exceed voltage rating on the label located on the top of the instrument housing.
- Always disconnect power before changing signal and power connections.
- Do not use this instrument on a work bench without its case for safety reasons.
- Do not operate this instrument in flammable or explosive atmospheres.
- Do not expose this instrument to rain or moisture.

- Whenever EMC is an issue, always use shielded cables.
- Never run signal and power wires in the same conduit.
- Use signal wire connections with twisted-pair cables.
- Install Ferrite Bead(s) on signal wire close to the instrument if EMC problems persist.

Mount the Unit

1. Cut a panel opening using the dimensions shown to the right.
2. Position the unit in the opening, making sure the front bezel is flush with the panel.
3. Install retaining clip on the meter and tighten against the panel.

Wiring

Warning: Do not connect AC power to your device until you have completed all input and output connections. This device must only be installed by a specially trained electrician with corresponding qualifications. Failure to follow all instructions and warnings may result in injury!

1. Remove the panel at the back of the unit.
2. Locate the TB1 connector.
3. Insert the correct wire in each terminal as shown in the following figure and tighten the lockdown screws.

External Fuse Required:

Time-delay, UL 248-14 listed
175 mA (115 Vac line)
80 mA (230 Vac line)

Time-lag, IEC 127-3 recognized
125 mA (115 Vac line)
63 mA (230 Vac line)

Using the Menus

To Change the Thermocouple Type:

1. Press MENU until the display shows [SETPTS].
2. Press [DEV] to show current thermocouple type.
3. Press [MAX] to select the setting from J, K, T or DJ.TC.
4. Press [MENU] to store the value.
5. Press [RESET] twice to display the current temperature.