Using This Quick Start Manual

Use this Quick Start Manual to set up your meter and begin operation. Information is provided on how to:

- Connect ac power
- Connect the RTD
- Set basic options for operation

For complete information on all setup options, please see 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 unit:
- ac power, as listed on meter’s ID/Power Label
- RTD
- " flat blade screwdriver

Mount the Unit

1. Cut a panel opening using the dimensions shown below.
2. Position the meter in the opening, making sure the front bezel is flush with the panel.

Connect ac Power

Warning: Do not connect ac power to your meter until you have completed all input and output connections. Failure to do so may result in injury!

1. Remove the panel at the back of the meter.
2. Locate the TB1 connector.
3. Insert the correct wire in each terminal as shown in the following figure and tighten the lockdown screws. Tug gently on the wires to verify connections.

Connecting the RTD

1. Locate the TB4 (or TB2, depending on your unit) connector on the rear of the unit (see the figure above).
2. Attach the RTD wires, referring to the appropriate diagram below and tighten down lockdown screws.
3. Tug gently on the wires to verify the connections.
4. Replace the panel at the back of the unit.

Turn on the Meter

1. Apply ac power to the unit.
   The unit initializes, flashing the following messages on the front panel: RST, D,RTD. Then the temperature should display.
2. Verify that a temperature is displayed. If not:
   • Remove ac power from the unit.
   • Verify the TB1 power connections.
   • Check your power source.
   • Apply ac power again.

Configure the Unit

To configure the meter, use the buttons on the front panel.

<table>
<thead>
<tr>
<th>To:</th>
<th>Take This Action</th>
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</thead>
<tbody>
<tr>
<td>Display the Configuration Menu.</td>
<td>Press the MENU button.</td>
</tr>
<tr>
<td>The first function on the menu, INPT, displays.</td>
<td>1. Press MENU until the function you want is shown.</td>
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<tr>
<td>The information you can change begins to flash.</td>
<td>2. Press ➤/DEV.</td>
</tr>
<tr>
<td>Select a value for that submenu function</td>
<td>1. Press ➤/T1/T2/Δ to display the option you want.</td>
</tr>
<tr>
<td>2. Press MENU to select it.</td>
<td>The message STRD quickly flashes, indicating that the selection has been stored in memory. Then the next menu function displays.</td>
</tr>
</tbody>
</table>

Go back to the previous menu function.

Exit the Configuration Menu.

- Press RESET twice. The meter reinitializes (displays RST,then D,RTD). When the temperature displays, the meter is in run mode.
- Optionally, you can press MENU to move through all the menu functions until the meter reinitializes.

To Set the RTD Type:

1. Press MENU until the meter displays:

2. Press ➤/DEV. The meter displays:

3. Press ➤/T1/T2/Δ until the RTD for your installation is shown. The choices are:
   - 385.2 - 2-wire DIN
   - 385.3 - 3-wire DIN (default)
   - 385.4 - 4-wire DIN
   - 392.2 - 2-wire NIST
   - 392.3 - 3-wire NIST
   - 392.4 - 4-wire NIST.

4. Press MENU to select the RTD shown. The meter displays:

Main ac Power Connections
To Set the Decimal Point Position:

1. If it’s not already shown, press MENU until the meter displays:


2. Press ▶/Dev. The meter displays:


3. Press ▲/T1 ▼/T2 to move the decimal point to the desired location. Choices are FFF and F.F.

4. Press MENU to select the decimal point position shown. The meter displays:


To Select the Temperature Unit (Fahrenheit or Celsius):

1. If it’s not already shown, press MENU until the meter displays:


2. Press ▶/Dev. The meter displays:


3. Press ▲/T1 ▼/T2 to display the setting you want. Choices are F and C.

4. Press MENU to select the temperature unit you want.

To Begin Operation

Exit the Configuration Menu and reinitialize the meter:

- Press RESET twice, or
- Press MENU until RST flashes on the display.

When the temperature appears, the meter is up and running.

To View the Temperature Differentials:

While in run mode, press ▲/T1 ▼/T2 to display:

- T1: Temperature 1
- T2: Temperature 2
- T1-T2: Difference between T1 and T2.

Page 5

To view the video guide, please visit the Newport website or contact your local distributor.

INFCRD DIFFERENTIAL TEMPERATURE METER WITH RTD

For immediate technical or application assistance please call:

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- 1-888-205-9846 in Canada

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