Using This Quick Start Manual

Use this Quick Start Manual to set up your controller 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, 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 meter:
- Ac power, as listed on meter’s ID/Power Label
- RTD
- Flat blade screwdriver

Mount the Meter

1. Cut a panel opening using the dimensions shown here.
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 and tighten the lockdown screws. Tug gently on the wires to verify connections.

Connecting the RTD

1. Locate the TB2 connector on the rear of the meter.
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 meter.

4-Wire RTD Input Connection

Turn on the Meter

1. Apply ac power to the meter. The meter initializes, flashing RST then RTD on the front panel. Then the temperature should appear.
2. Verify that a temperature is displayed. If not:
   - Remove ac power
   - Verify the TB1 power connections
   - Check your power source
   - Apply ac power again

Configure the Meter

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

To Set the RTD Type:

1. Press MENU until the meter displays:
2. Press MAX. The message STRD quickly flashes, indicating that the selection has been stored in memory. Then the next menu function displays.
3. Optionally, you can press MENU to move through all the menu functions until the meter reinitializes.

Go back to the previous menu function:

- Press RESET twice. The selection reinitializes (displays RST, then RTD). When the temperature displays, the meter is back in run mode.

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!
To Set the Decimal Point Position:

1. If it's not already shown, press MENU until the meter shows:

   

<table>
<thead>
<tr>
<th>DEC</th>
</tr>
</thead>
<tbody>
<tr>
<td>CEC</td>
</tr>
</tbody>
</table>

2. Press ▶DEV. The meter displays:

   

<table>
<thead>
<tr>
<th>FFF</th>
</tr>
</thead>
<tbody>
<tr>
<td>FFF</td>
</tr>
</tbody>
</table>

3. Press ▼MAX to move the decimal point to the desired location. Choices are: FFFFF, FFF.F, or F.FFFF.

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

   

<table>
<thead>
<tr>
<th>FFF.F</th>
</tr>
</thead>
<tbody>
<tr>
<td>FFF</td>
</tr>
</tbody>
</table>

Begin Operation

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.

1. While in RUN mode, press SETPTS. The unit displays setpoint 1:

   

<table>
<thead>
<tr>
<th>SP1</th>
</tr>
</thead>
<tbody>
<tr>
<td>SP1</td>
</tr>
</tbody>
</table>

If you can change setpoint 1 or press SETPTS again to show the current value for setpoint 2.

2. To change the setpoint 1 value:
   - Press ▶DEV until the digits you want to change flashes on the display.
   - Press ▼MAX to change the value.
   - Press SETPTS to store the value shown. The current value for setpoint 2 is shown:

   

<table>
<thead>
<tr>
<th>SP2</th>
</tr>
</thead>
<tbody>
<tr>
<td>SP2</td>
</tr>
</tbody>
</table>

3. When setpoint 2 appears, you can change it using the procedure above or press SETPTS to return to RUN mode.

To Set the Temperature Limit (Fahrenheit or Celsius):

1. If it's not already shown, press MENU until the meter shows:

   

<table>
<thead>
<tr>
<th>FFF.F</th>
</tr>
</thead>
<tbody>
<tr>
<td>FFF</td>
</tr>
</tbody>
</table>

2. Press ▶DEV. The meter displays:

   

<table>
<thead>
<tr>
<th>FFF.F</th>
</tr>
</thead>
<tbody>
<tr>
<td>FFF</td>
</tr>
</tbody>
</table>

3. Press ▼MAX to display the setting you want. Choices are F and C.

4. Press MENU to set the temperature shown. The meter displays:

   

<table>
<thead>
<tr>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>C</td>
</tr>
</tbody>
</table>

WARNING: These products are not designed for use in, and should not be used for, patient connected applications.

This device is marked with the international radio symbol. It is important to read the Safety Guide before installing and commissioning the device as it contains important information relating to safety and EMC.

It is the policy of OMEGA to comply with all worldwide safety and EMC regulations that apply. OMEGA is continually updating its products to the European Union Approach Directives. OMEGA will add the mark to every product when it has been updated to comply with the regulations.

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