

Digital Output (with digital output I/O module)

1. Double-click a digital output parameter, or select a digital output parameter and click **Edit**, to open a setup dialog.
2. Select **Energy** from the dropdown list for **Control** and click **OK**.
3. Choose an energy type from the dropdown list for **Parameter**.
4. Enter a value for **Pulse Rate**, then click **OK**.
5. Click **Send** to save the changes to the meter.

I/O Setup

The PM2130 and the PM2230 each support optional analog and digital I/O modules. The PM2125 and PM2225 support optional digital I/O modules. When these I/O modules are connected to your meter, they can be configured through ION Setup. The I/O module variants are single-channel analog, two-channel analog and two-channel digital.

1. Double-click **I/O Setup** to open the I/O Setup dialog.

Status Input S1, S2

2. Double-click a status input parameter or select a status input parameter and click **Edit** to open a setup dialog.
3. If required, enter text into the **Label** field to update the label that identifies the status input.

Control Mode shows either **Normal** or **Demand Sync** based on the existing associations.

Normal mode indicates that the status input is available for use by alarms.

Demand Sync indicates that the status input is configured to accept a demand sync pulse from a utility demand meter.

4. Select a time in milliseconds for **Debounce**.

Any associations for this Status Input appear in the **Associations** pane.

5. Click **OK** to save your changes and return to the **I/O Setup** screen.
6. Click **Send** to save the changes to the device.

Note

If a **Programming Results** dialog appears, you will need to enter valid values for those parameters listed, then click **Send**.

Digital Output D1, D2

1. Double-click a digital output parameter, or select a digital output parameter, and click **Edit** to open a setup dialog.
2. If required, enter text into the **Label** field to update the label that identifies the digital output.
3. **Control Mode** shows **External** or another mode based on the existing associations.

4. Select a value from the dropdown list for **Behavior Mode**.
5. Enter a value in seconds for **On Time**.
Any associations for this digital output appear in the **Associations** pane.
6. Click **OK** to save your changes and return to the **I/O Setup** screen.
7. When you finish editing the parameters, click **Send** to save the changes to the device

Analog Input AI1, AI2

1. Double-click an analog input parameter, or select an analog input parameter and click **Edit** to open a setup dialog.
2. Enter text into the **Label** field to update the label that identifies the analog input.
3. Enter the Lower Limit and Upper Limit values for the Voltage or Current. These are the values the meter reports when the input reaches or drops below the lowest valid reading, or when it reaches or exceeds the highest valid reading.
4. Select a scale from the **Scale** dropdown list. This defines the multiplier used on the measured value.
5. Select a unit from the **Unit** dropdown list. This defines the units of the the monitored value.

Meter Resets & Controls

Meter values can be reset or cleared through the meter reset parameters. Resets are grouped so that either all items listed can be selected for reset (global reset) or individual items or groups of items can be selected for reset (single reset). Meter initialization clears all counters and accumulators and prepares the meter for initial service.

Resetting device parameter values can affect recorded data. Also, make sure to read the warning message that appears listing the parameters that are about to be reset. At the Reset Confirmation dialog, verify that only the parameters you intend to reset are listed.

NOTICE

LOSS OF DATA

Before changing device configuration values, make sure that all recorded data has been saved in a secure location.

Failure to follow these instructions can result in loss of data.

1. Double-click **Meter Resets** to open the dialog.
The **Meter Resets** screen appears.