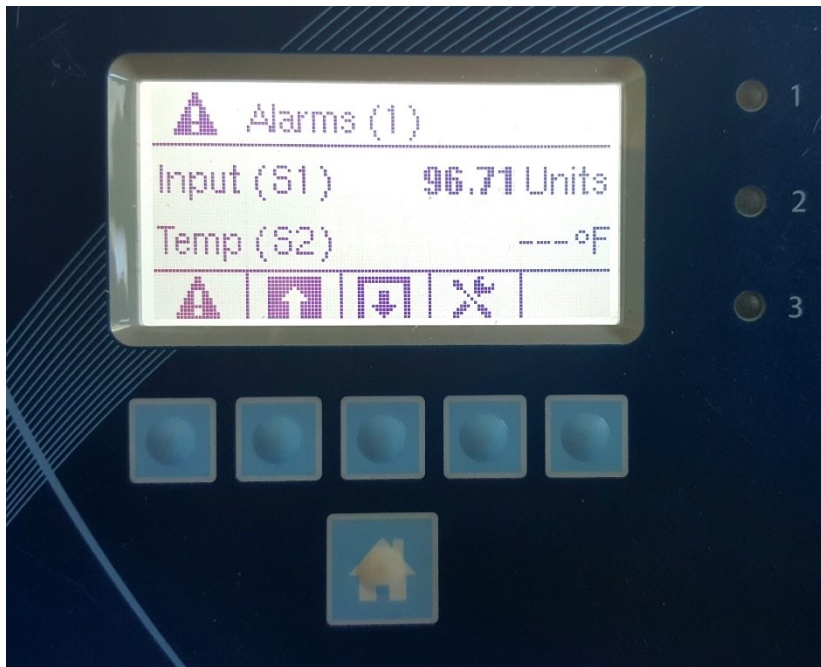# Programming the W100 controllers

The W100 controller is menu-driven programming, with 4 major icons.
Theses icons appear on the Home screen from left to right:

 Alarm Menu

 Inputs Menu (Direct sensors, analog, digital inputs)

 Outputs Menu (Relays)

 Configurations menu

Press the key **below** the icon to get to the main menu selections. The **UP** Arrow will get you to the Inputs Menu; The **DOWN** Arrow will get you to the Relays Menu.
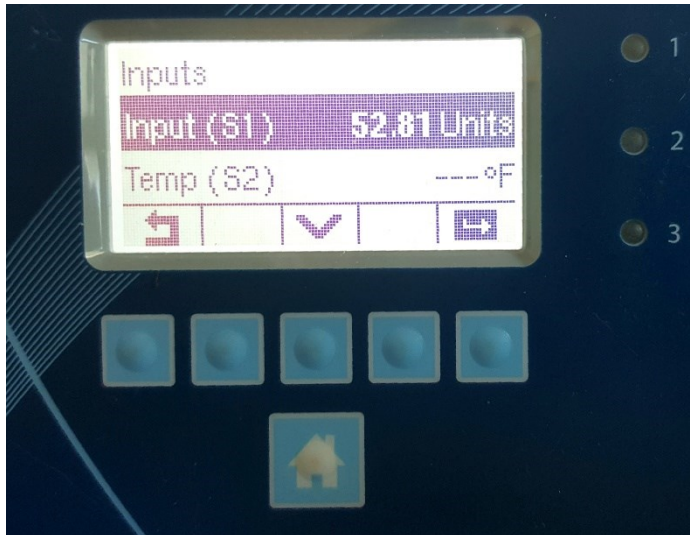

Pressing the HOME (bottom) button at any time will return you to the page above.
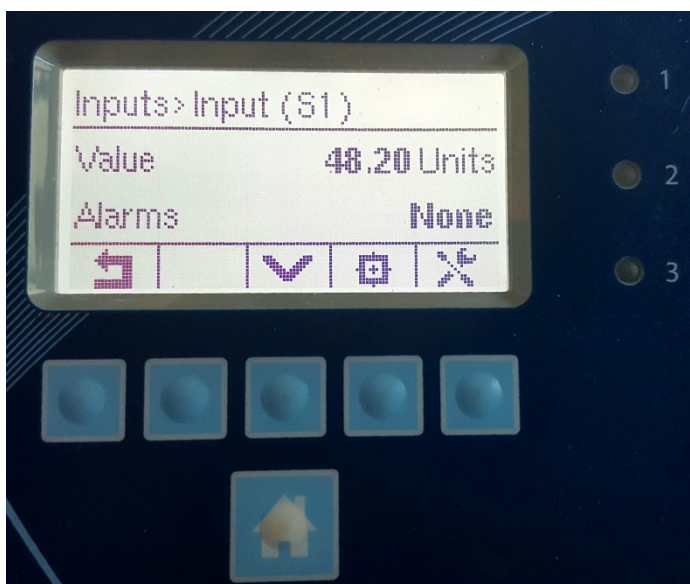
WALCHEM

IWAKI America Inc.

Setting up and programming a direct sensor:

First, you need to select which type of sensor you're using:

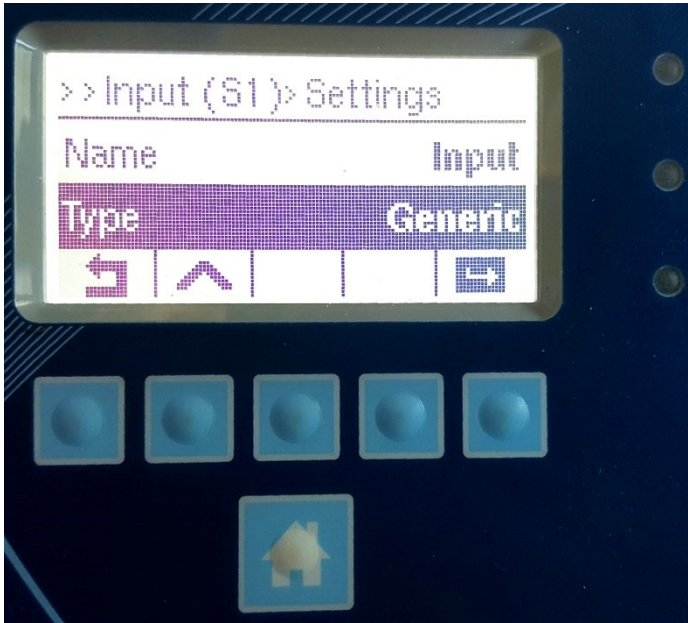From the Home screen, Press ⬆ (Inputs) key, bringing you to the Inputs screen:

The W100 has only one sensor input. Input (S1) is for the sensor's reading, and Temp (S2) is for the temperature input (if the sensor has temp-comp). Press the ENTER ⬚ Key to enter the Input (S1) menu. Press the Configuration Key ✖.

WALCHEM
IWAKI America Inc.

Setting up and programming a direct sensor (con't):

After pressing the Configurations key , press the DOWN Arrow until TYPE is highlighted, then press ENTER to enter the Type menu:
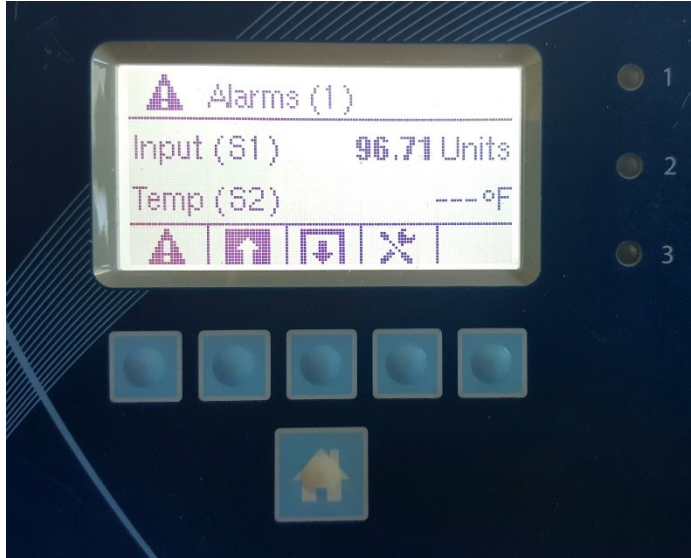

Once in the Type menu you can use the down arrow to scroll through the sensor types. Select the desired sensor type and press the Check to accept. You can also name the sensor in this menu.
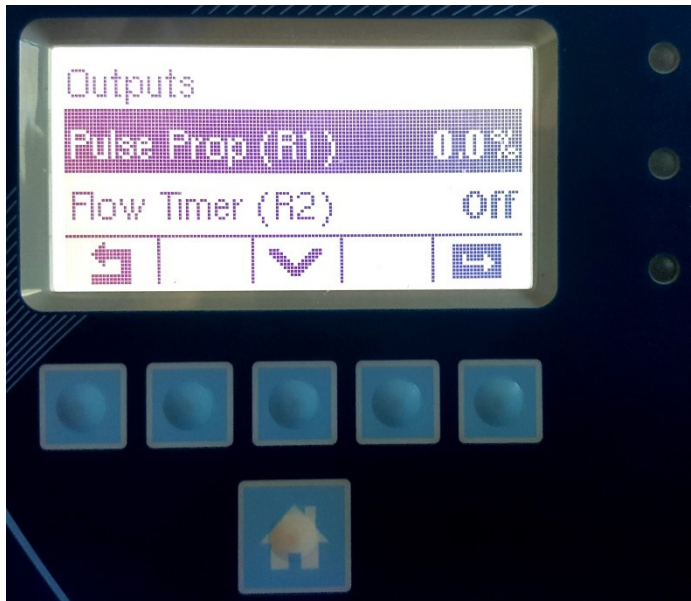
Setting up and programming Relay outputs:

Before you start programming set points, you need to select the relay mode. From **HOME**:

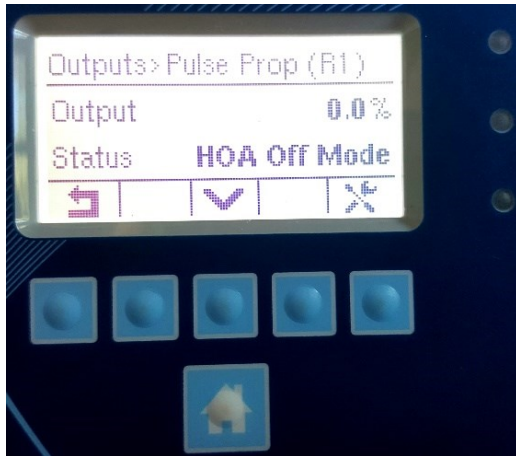Press OUTPUTS ⬇. This will bring you to the **OUPUTS** page:

Press the **DOWN** ⌄ arrow to scroll through the 3 relay outputs.
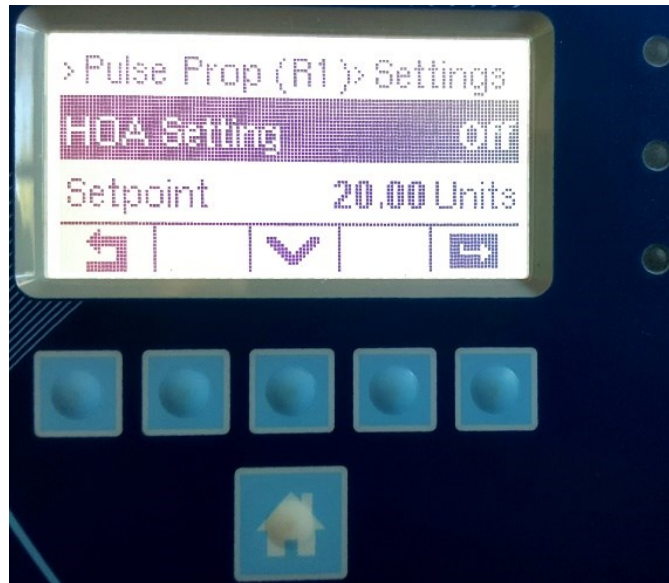
WALCHEM
IWAKI America Inc.

Setting up and programming Relay outputs:

Once you've selected your relay, press ENTER [· ▸] to enter the relay menu:
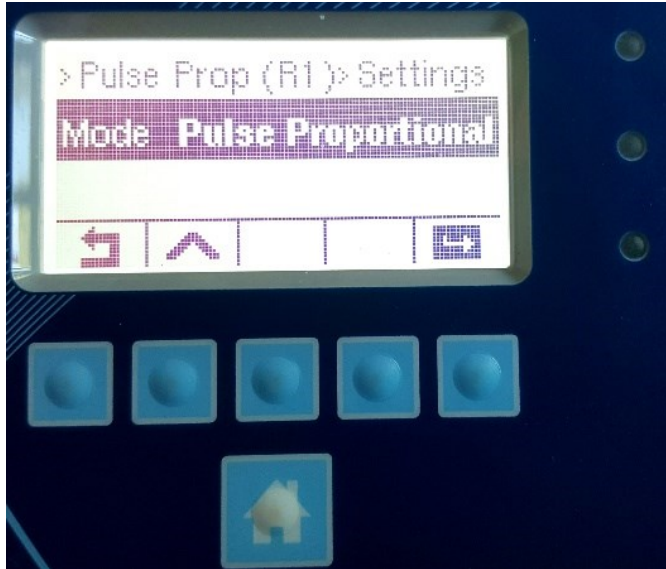

And then the Configuration Key ✕ to   get into the settings

Press the DOWN Arrow ⌄ until you get to the MODE. At MODE, press ENTER ◢.

Use the Down Arrow ⌄ to scroll through the modes. Highlight the desired mode, and press the ENTER ✔ to set the mode.