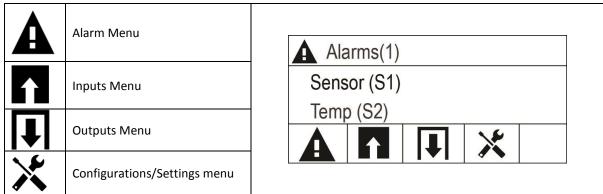




Configure W100 for Boiler: Intermittent Sampling Monitoring

The W100 is menu-driven programming.

Theses icons appear on the Home screen.



1. First, set the controller to enable HVAC mode.

On the HOME screen, Press	Alarms(1) Sensor (S1) Temp (S2)
Press on Global Settings	Config Global Settings Security Settings
Press until you see HVAC Modes	
Press on HVAC Modes	Config> Global Settings HVAC Modes Disabled Language English
Press to enable HVAC mode	HVAC Modes Enabled Disabled





2. Select and configure sensor type for Contacting Conductivity

On the HOME screen, Press	Alarms(1) Sensor (S1) Temp (S2)
Press	INPUTS Sensor (S1) Unassigned(S2)
Press	INPUTS > Sensor (S1) Details Screen Content varies with sensor type
Press until "Type" is highlighted.	>>Input (S1) > Settings Name
Press	Type Generic
Press until Contacting Cond sensor type is highlighted.	>>Input (S1) > Type No Sensor
Press to accept.	Contacting Cond





3. Program and configure Bleed Relay for Intermittent Sampling:

On the HOME screen, Press	Alarms(1) Sensor (S1) Temp (S2)
Press to select the relay that will be controlling the blow down valve.	Outputs Bleed (R1) Off
Press	Inhibitor (R2) Off
Press	Outputs> Bleed (R1) Details Screen Content varies
Press until "Mode" is highlighted.	>> Bleed (R1)> Settings Mode Timer
Press	コヘ
Press until you get to "Int Sampling"	>> Bleed (R1)> Mode Int Sampling
Press to accept.	Bleed & Feed





4. Program the relay for Intermittent Sampling:

	1
On the HOME screen, Press	Alarms(1) Sensor (S1) Temp (S2)
Press to select the desired relay output.	Outputs Bleed (R1) Off
Press	Inhibitor (R2) Off
Press	Outputs> Bleed (R1) Details Screen Content varies
Press until "Input" is highlighted.	>> On/Off (R1)> Settings Hand Time Limit
Press	Input CCond (S1)
Press until the Setpoint is highlighted.	>> Bleed (R1)> Settings HOA Setting Off
Press	Setpoint 1000µS/cm
Edit the Setpoint.	>> Bleed (R1)> Setpoint
Press to accept. Repeat the process to program Prop Band, Sample Time, Hold Time and Max Blow down. (The Wait Time is the time between samples).	Tancel Increase Decrease Move Accept the the the the the change \value \value \value Cursor Cursor





5. Assign the conductivity sensor to the bleed (blow down) relay:

On the HOME screen, Press	Alarms(1) Sensor (S1) Temp (S2)
Press to select the desired relay output.	Outputs On/Off (R1) Inhibitor (R2) Off
Press	
Press	Outputs> On/Off (R1) Details Screen Content varies
Press until "Input" is highlighted.	>> On/Off (R1)> Settings Hand Time Limit Input CCond (S1)
Press	
Press until the Conductivity sensor configured in Step 2 is highlighted.	>> On/Off (R1)> Input None CCond (S1)
Press to accept.	