

On your LOGO display the screen should be showing “Warming Up”

Press the DOWN arrow key and you should have a flashing Time/Date display. When you have that, press the RIGHT arrow key twice and you should have a display that looks something like this:

Q:

O 1 2 3 4 5 6 7 8 etc...

2

The first number on the O line, the 1 – is it ‘highlighted’? (as opposed to how the other numbers are displayed)

If YES, then check the output voltage on Q1,2 . It should be 120V.

If Q1,2 voltage is 120V, then it’s most likely your heating element.

If Q1,2 is not showing 120V then check Q1,1. That should ALWAYS show 120V output

If Q1,1 does show 120V then your PLC is bad and needs to be replaced

If Q1,1 does NOT show 120V, then it’s a wiring issue, check to make sure the wires are connected and not loose or detached.

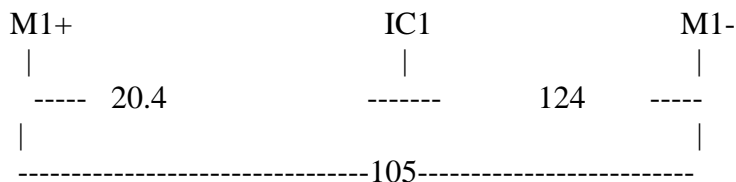
If NO, then check the Thermistor (see diagram that I will attempt to draw below)

If the thermistor is OK, then we don’t know what the problem is exactly...

If the thermistor is 15% off or more, then replace thermistor

To check thermistor values:

Machine = Off



Enclosed is the EQ Wiring Diagram for your machine

Manuals and Diagnostic documents can be found on our website:
www.castleusa.com/support.html

