



P37:

The first step in testing the P37 controller is to confirm that there is 24 VAC powering the board. (Top left connections on the board).

Next step is to make sure the “Warning” LED is off. If it is on then a board re-calibration is required (**please refer to P37 instructions/calibration document**).

Now, make sure the DIP switch is set to the correct setting it is intended for. (**i.e.** When controlling SSR directly make sure to set to pulse output, etc).

Continue with one of the following:

If the board is set for pulse output (for controlling SSR) operation: Slowly apply some air pressure (0-22 psi) via the pressure port, and verify that the status LED turns on at some point (or off depending, if the DIP switch setting is set to direct

or reverse operation). If not conforming, replace the P37 controller.

If the board is set for 0-10VDC output operation: Slowly apply some air pressure (0-22 psi) via the pressure port, and verify that the status LED turns on at some point (or turns off for reverse) and output increases (or decreases for reverse) in voltage 0-10VDC. If not conforming, replace the P37 controller.

For Full Instructions on P37, visit www.thermolec.com in section documentation.

