

## +5V Calibration

Many EVO products have an adjustment marked +5V CAL. This is a factory set adjustment that affects the accuracy of the product's 0-10Vdc inputs and outputs.

*Periodic adjustment is not required.*



### Products with test points

To check the adjustment, measure the voltage at the +5V test point.

Place the negative lead of your voltmeter in the test point hole marked Com.



Place the positive lead in the test point hole marked +5V.

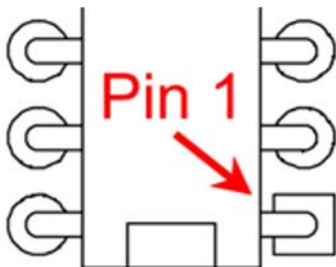
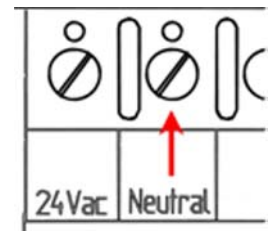


The voltage should be between +4.97 and +5.03 volts. If you need to adjust the voltage, turn the +5V CAL to set the voltage to +5.00 volts.

### Products without test points

To check the adjustment, measure the voltage at pin 1 of the microcontroller chip.

Connect the negative lead of your voltmeter to the neutral connection where the 24Vac is connected.



Touch the voltmeter's **Positive** probe to pin 1 of the microcontroller. The solder pad around Pin 1 is square, while the others are round. The microcontroller has a label, or a number on top starting with PIC.

The voltage should be between +4.97 and +5.03 volts. If you need to adjust the voltage, turn the +5V CAL to set the voltage to +5.00 volts.