

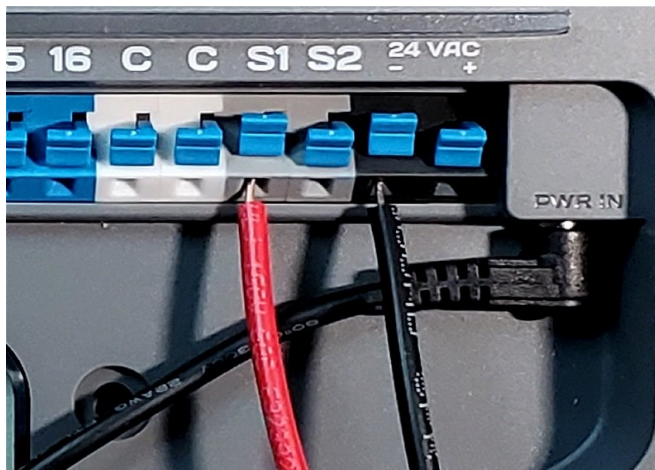
## Flow Sensor wiring to Rachio Gen 3 controller

The correct CST flow sensor to use with Rachio irrigation controllers have a suffix 001. This designates the output signal of the sensor is a DC voltage square wave frequency proportional to the flow rate. This type of sensor is also identified by two wire leads colored red and black.

**As with any DC voltage circuit, it is vitally important to maintain the correct polarity.**

The Rachio installation instructions for this controller are somewhat vague as to wiring sensors to the controller terminal.

The red wire lead designating the positive (+) lead should only be connected to S1 or S2 on the terminal strip. The black lead designating the negative (-) lead should only be connected to the 24 volt minus (-) lead. See picture below.



Miswiring this flow sensor or any flow sensor output from a CST accessory transmitter will result in premature failure of the electronic circuit caused by overvoltage. This flow sensor damage cannot be repaired and will not be covered by warranty.

Note: Miswiring any of the other flow sensors listed in the Rachio guide will be damaged as well, since their output signals are similar.