


## WIRING



### Sensor Wiring Instructions

24 VAC R — 1


24 VAC C — 2

Ground — 3

Thermistor Input — 4

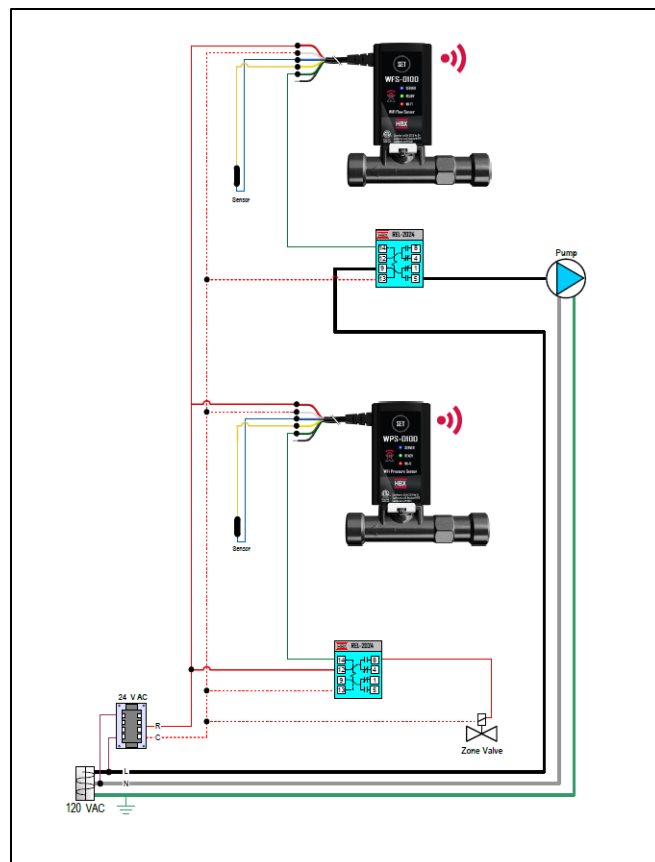
24VAC Triac Output — 5

Modulating Output — 6



<b>Power</b>	9V - 24V (AC or DC) Pins 1, 2 (If using Triac 24VAC is Required)
<b>Thermistor</b>	Pins 4, 3 10k thermistor type 3
<b>24VAC Triac</b>	0 - 0.75VDC Pins 5, 2
<b>Modulating Output</b>	0.5 - 3.5VDC

If Wiring more than one sensor to same power supply, ensure the same connections are made on pins 1, 2 to the power supply. Do not swap.



## INSTALLATION

Install the WFS (Flow and temperature) Sensor and WPS (pressure and temperature) sensors in a location that will be easy to perform periodic maintenance. Install shut-off valves upstream and downstream of the sensors to aid installation and maintenance. Install a strainer or other filtering device upstream of the flow and pressure sensors.

The corresponding supply and return pipes must be integral to the same flow rate as measured by the flow meter. The WFS flow meter must be installed on the return pipe and the WPS pressure sensor on the supply pipe. The sensors can be installed in a horizontal or vertical position, following the flow direction indicated by the arrow on the body. The first length of straight of pipe connected to the flow sensor must be a minimum of 3" long prior to a bend for the sensor to register a proper reading.

