Low Fire Hold Release to Modulate Stack Temperature
4000 Series

For FGR applications where it's desirable not to modulate until stack temperature reaches a determined temperature use the following method.

Wire Sensor 2 to P11 terminal 9 (AUX1)
Note: P11 terminal 3 24VDC supply terminal 9 return

Configure **SENSOR SETUP**
Sensor 2
Type   Water
Range   32 to 725F

Configure **THERMAL SHOCK** Set Up
Method Type   Low Fire
Sensor Used   2
Thermal Exit   300F

The burner will remain at Low Fire (regardless of PCV) until the stack temperature in this example reaches 300F allowing the burner to modulate, if the stack temperature drops below 300F the burner will continue to modulate until PCV is satisfied.

Thermal Shock Active

Sensor 2 Value Below 300F

Sensor 2 Value Above 300F

Main Screen Modulation