TROUBLESHOOTING MILLIVOLT GAS VALVES
PART # 023625 (NATURAL) & 023624 (LP)

MILLIVOLT CONTROL VALVE
To check Resistance of the gas valve, connect one wire to the valve as shown.

1. Resistance between the THTP & TH terminals must be 11.5 Ω ± 0.2 Ω
2. Resistance between THTP & TP must be 10.0 Ω ± 0.2 Ω

If resistance is outside of specifications listed, the gas valve must be replaced.

**Thermopile readings:** With all wires connected, with the pilot on and burners off, the thermopile reading at the TP & THTP terminals should be ~325mV. With the burners on, the millivolt reading should be ~200mV. A replacement thermopile part # is 022770.