Flame Current Measurement
Gas Furnaces

Furnaces without a flame current pad (multimeter in series with the flame sensor, set to DC μA)

Furnaces with a flame current pad (multimeter set to Volts DC)

Connection Procedure

Furnaces with a flame current pad:
Multimeter MUST be set to Volts DC.
Multimeter leads are placed on the flame current pad Red(+) and Black(-). If DC voltage reading is negative, the meter probes are reversed.

Furnaces without a flame current pad:
Multimeter MUST be set to DC μA.
Multimeter leads are connected in series with the flame sensor.

Meter displays are simulated.