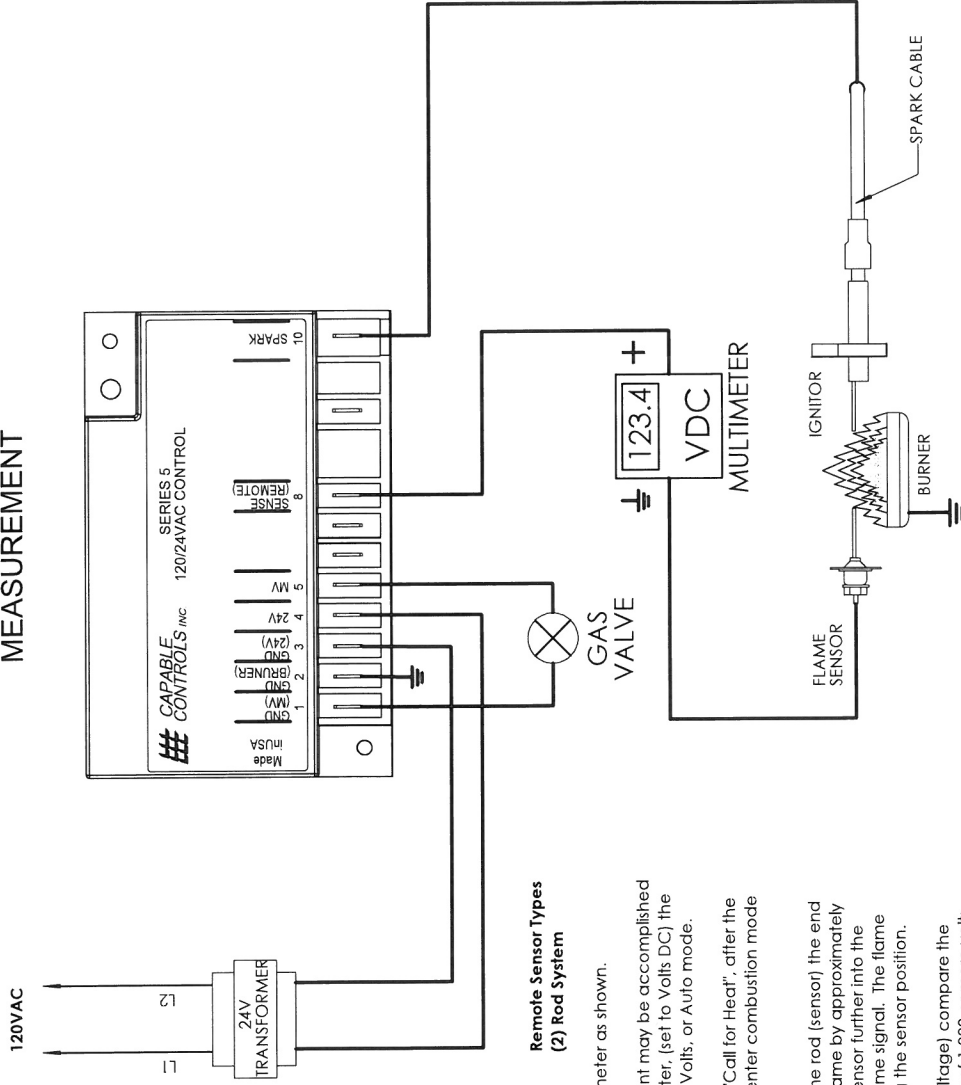


CHANGES

# 5X-DSI FLAME QUALITY MEASUREMENT



### Flame Signal Measurement Remote Sensor Types (2) Rod System

With **POWER OFF** hook-up multimeter as shown.


Flame signal quality measurement may be accomplished by connecting a digital multimeter, (set to Volts DC) the multimeter needs to be set to, 2 Volts, or Auto mode.

Power-up the appliance with a "Call for Heat", after the sparking the control system will enter combustion mode (normal heating).

**NOTE:** Check the position of flame rod (sensor) the end portion should extend into the flame by approximately 1/4 inch. **DO NOT** position the sensor further into the flame as it will result in a poor flame signal. The flame should be stable when adjusting the sensor position.

Read the multimeter display (voltage) compare the reading to the chart. A reading of 1,000 or more volts indicates a strong flame signal, **NO** adjustments to the flame sensor electrode are needed. If the meter reads less than 0.700 volts, adjust the flame sensor electrode so that the meter reads 1,000 VDC or more.

TOLERANCES UNLESS SHOWN OTHERWISE	REQD. MODEL	REQD. MODEL	REQD. MODEL	REQD. MODEL	DATE	TITLE
3 PLACE DECIMAL ±	-	-	-	-	04/18/2017	5X-DSI FLAME QUALITY MEASUREMENT
2 PLACE DECIMAL ±	NEXT ASSEMBLY	NEXT ASSEMBLY	NEXT ASSEMBLY	NEXT ASSEMBLY	SCALE	
HOLES ±	MATERIAL	MATERIAL	MATERIAL	MATERIAL	1:1	
ANGLES ±	HEAT TREAT	HEAT TREAT	HEAT TREAT	HEAT TREAT	APP'D	
	FINISH	FINISH	FINISH	FINISH	ENGR	


**Capable Controls**  
 PART NO. **762A8118**  
 REV. **1**

1 2 3 4 5 6 7 8