Wiring Cross Reference

HONEYWELL **RM7800G / RM7840G**
TO **YB110xx**[1], **BLL510** (Note 1)**, YP200** (Note 2)**, 60-2814-1**
[1]Refer to Amplifier and Scanner Reference Guide

Honeywell	Function	Fireye	
4	Hot – 120 VAC	L1	
L2	Ground – Neutral	L2	
F	Scanner	S1	
G	Scanner	S2	
4 – 6	Operating Control	L1 – 3	
4 - 20	Pre-Ignition Interlocks Fuel Valve End Switch	L1 –13	
6 – 7	Running Interlocks (Air Flow Switch)	3 – P	
10	4 Sec Ignition Early Spark Termination	W	Note 2
8	10 Sec PTFI, 10 sec MTFI – Interrupted Pilot	5	Note 3
21	15 sec PTFI, 30 sec MTFI – intermittent / interrupted Pilot	6	Note 4
9	Main Fuel Valve	7	
5	Combustion Blower Motor	M	
5 – 18	Low Fire Start Switch	M – D	
3	**Alarm**	A	
	Modulation Circuit		
12	High Fire	X	
13	Common	10	
14	Low Fire	12	
15	Auto	11	

Note 1	For RM7840G replacement, omit BLL510 display.
Note 2	If Honeywell terminal 10 (early spark termination) is used, connect to terminal W.
Note 3	Timings for terminals 5 and 6 for PTFI and MTFI can be set in PROGRAM SETUP sub-menu.
Note 4	Terminal 6 can be set for intermittent operation through the PROGRAM SETUP sub-menu using optional keypad/display module.

Refer to Bulletin BL-1001 for correct amplifier selection, proper installation, grounding, operational and safety checkout procedures. Perform safety checks of the entire system prior to allowing fuel entry into boiler. Complete safety checks, flame signal levels, minimum pilot tests with fuel on.