

Wiring Cross Reference

HONEYWELL RM7800M / RM7840M
TO YB110xx¹, BLL510 (Note 1), EP300, 60-2814-1

¹Refer 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	5 Sec Ignition Early Spark Termination	X	Note 2
8	10 Sec PTFI, 10 sec MTFI – Interrupted Pilot / Ignition	5	
21	Intermittent Pilot	6	
9	Main Fuel Valve	7	
5	Combustion Blower Motor	M	
5 – 18	Low Fire Start Switch	M – D	
3	Alarm	A	
15	Damper Motor	Not Available	

Note 1	For RM7840M replacement, omit BLL510 display.
Note 2	Connect a jumper wire from terminal 5 to terminal 10 to get 5 second operation on terminal X during PTFI.

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.