

# Wiring Cross Reference

TO CONVERT HONEYWELL R4140G1007  
TO YB110xx<sup>1</sup>, BLL510, YP200, and 60-2814-1  
<sup>1</sup>Refer to Amplifier and Scanner Reference Guide

Honeywell	Function	Fireye	
L1	Hot – 120 VAC	L1	
L2	Ground – Neutral	L2	
F	Scanner	S1	
G	Scanner	S2	
L1 – 4	Operating Control	L1 – 3	
4 - 16	Pre-Ignition Interlocks (Fuel Valve Interlock)	L1 – 13	
16 – 3	Running Interlocks (Air Flow Switch)	3 – P	
5	10 Sec – Interrupted Pilot	5	
6	15 Sec – Interrupted Pilot	6	
7	Main Fuel Valve	7	
8	Blower Motor	M	
8 – 13	Low Fire Start Switch	M – D	
9	<b>Alarm</b>	A	
	<b>Modulation Circuit</b>		
10	High Fire	X	Note 1
11	Common	10	
12	Auto	11	
14	Low Fire	12	

Note 1	R4140G1007 has a 40 second high fire purge. In PROGRAM SETUP sub-menu, set purge time to 40 seconds using keypad/display module. Control has a proven high fire purge interlock
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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.