

# Wiring Cross Reference

TO CONVERT HONEYWELL R4140M1046 / R4140M1053  
TO YB110xx<sup>1</sup>, BLL510, YP300 (Note 1), 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 – 16	Operating Control	L1 – 3	Note 2
16 - 4	Pre-Ignition Interlocks (Fuel Valve Interlock)	L1 – 13	Note 2
16 – 3	Running Interlocks (Air Flow Switch)	3 – P	Note 2
18	5 sec Early Spark Termination	X	Note 3
5	10 sec Interrupted Pilot	5	
6	Intermittent Pilot	6	
7	Main Fuel Valve	7	
8	Blower Motor	M	
8 – 13	Low Fire Start Switch	M – D	
9	<b>Alarm</b>	A	
10	Damper Control		Not Avail.

Note 1	Set purge time to 90 seconds from PROGRAM SETUP sub-menu.
Note 2	Terminal 16 on the Honeywell wiring base is used as a tie point only. Identify and isolate the appropriate wires to the operating control, fuel valve end switch, and running interlocks.
Note 3	To use terminal X, jumper terminal 5 to terminal 10.

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.