Wiring Cross Reference

HONEYWELL **BC7000L / PM720M2036**
TO **YB110xx**[1]**, BLL510, YP300** (See Note 2)**, 60-2814-1**.
[1]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	
16 - 4	Pre-Ignition Interlocks Fuel Valve Interlock	L1 – 13	Note 4
16 – 3	Running Interlocks (Air Flow Switch)	3 – P	
5	10 Sec – Interrupted Pilot	5	
6	Intermittent Pilot	6	
18	5 Sec – Early Spark Termination	X	See Note 1
7	Main Fuel Valve	7	
8	Blower Motor	M	
N/A	Low Fire Start Switch	M – D	See Note 3
9	**Alarm**	A	

Note 1   If terminal 18 (early spark termination) is used, jumper terminal 5 to terminal 10 to provide 5 sec PTFI on terminal X.

Note 2   If terminal 15 is jumped to terminal 8 on the Honeywell control (7 sec purge), set purge time in PROGRAM SETUP sub-menu to 7 seconds.

Note 3   Honeywell control does not provide a low fire start switch. Either install low fire start switch or jumper terminal M to D on the Fireye control.

Note 4   Identify and isolate indicate switch and rewire to appropriate Fireye terminals.

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.