

Wiring Cross Reference

HONEYWELL R4140L1055
TO E110, ED510, EP161, 60-1386-2.
 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 – 13
4 - 16	Pre-Ignition Interlocks Fuel Valve Interlock	13 – 3
16 – 3	Running Interlocks (Air Flow Switch)	3 – P
5	10 Sec – Interrupted Pilot	5
6	30 Sec – Interrupted Pilot	6
7	Main Fuel Valve	7
8	Blower Motor	M
8 – 13	Low Fire Start Switch	M – D
8 – 15	High Fire Start Switch	D - 8 See Note 1
9	Alarm	A
Modulation Circuit		
10	High Fire	X
11	Common	10
12	Auto	11
14	Low Fire	12

Note 1 Move high fire start switch wire from Honeywell terminal 8 to Fireye terminal D.

Refer to Bulletin E-1101 for 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.