Wiring Cross Reference

HONEYWELL **RM7800G / RM7840G**
TO **E110, ED510, EP260 (See Note 1), 60-1386-2**
Refer 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 – 13	
4 - 20	Pre-Ignition Interlocks Fuel Valve End Switch	13 – 3	
6 – 7	Running Interlocks (Air Flow Switch)	3 – P	
10	4 Sec Ignition Early Spark Termination	5	See Note 1
8	10 Sec PTFI, 10 sec MTFI – Interrupted Pilot	5	
21	15 sec PTFI, 30 sec MTFI – intermittent / interrupted Pilot	6	See Note 2 See Note 3
9	Main Fuel Valve	7	
5	Combustion Blower Motor	M	
5 – 18	Low Fire Start Switch	M – D	
3	Alarm	A	
Modulation Circuit			
12	High Fire	X	
13	Common	10	
14	Low Fire	12	
15	Auto	11	

Note 1   If Honeywell terminal 10 (early spark termination) is used, use EP270 programmer.

Note 2   With EP260, Fireye terminal 6 provides a 10 sec PTFI timing and a 15 sec MTFI timing. With EP270, terminal 6 provides 10 sec MTFI timing.

Note 3   For an intermittent pilot, install relay whose coil is powered by terminal 7, and its normally open contacts are connected to terminals 6 and 7.

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.