

Wiring Cross Reference

HONEYWELL RM7800M / RM7840M
TO E110, ED510, EP380, 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	5 Sec Ignition Early Spark Termination	X	See Note 1
8	10 Sec PTFI, 10 sec MTFI – Interrupted Pilot / Ignition	5	
21	Intermittent Pilot	6	See Note 2
9	Main Fuel Valve	7	
5	Combustion Blower Motor	M	
5 – 18	Low Fire Start Switch	M – D	
3	Alarm	A	
15	Damper Motor	Not Available	

Note 1 Connect a jumper wire from terminal 5 to terminal 10.

Note 2 For intermittent operation, dipswitch #2 must be in the down position.

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.