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**SPECIFICATIONS:**

**POWER INPUT:**

VOLTAGE: 12 / 24 VDC MODELS  
CURRENT: 200 mA MAX. PLUS LOAD CURRENT.  
TRANSIENT PLUS REVERSE POLARITY PROTECTION.  
7.5 AMP FUSE REQUIRED ON POWER INPUT.

**SIGNAL OUTPUT:**

SWITCH SIGNAL RATED 7.5 AMP. TOTAL NON INDUCTIVE OR 4 AMP. INDUCTIVE, TEMPERATURE COMPENSATED, VOLTAGE STABLE.

**NOTE:**

PART NUMBER DETERMINED BY APPLICATION.  
030-054 NEGATIVE GROUND 12 VOLTS  
030-054-1 NEGATIVE GROUND 24 VOLTS

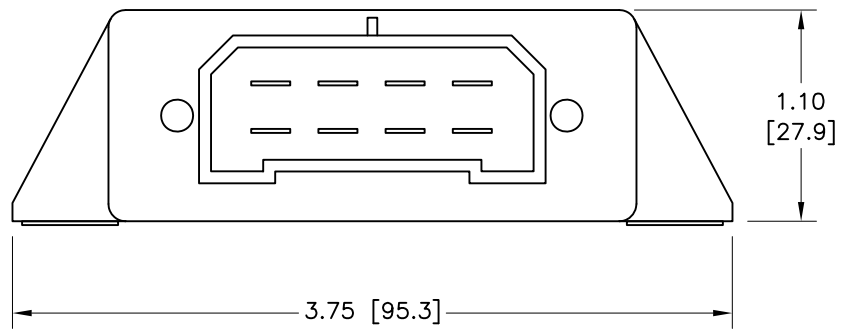
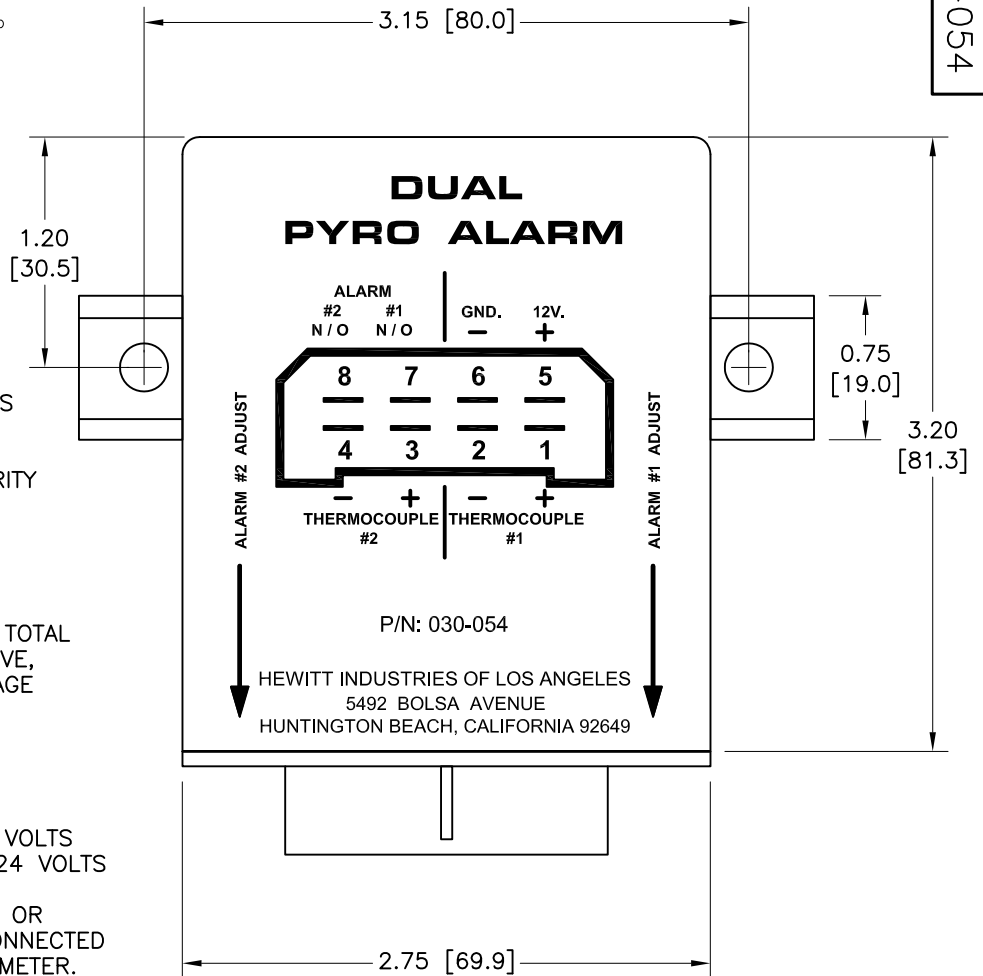
THESE MODELS ARE ADJUSTABLE OR AVAILABLE PRESET AND CAN BE CONNECTED WITH OR WITHOUT INDICATING PYROMETER. RANGE IS 100°F - 1800°F  
PYROMETER TESTER P/N 030-025 IS AVAILABLE FOR SETTING MODULES OR CHECKING SYSTEM. (IT IS A MILLIVOLTS POWER SUPPLY.)

**IMPORTANT:**

PYRO SWITCH AND THERMOCOUPLE MUST HAVE SAME GROUND OR SWITCH WILL NOT FUNCTION PROPERLY. CAN BE USED WITH GROUNDED OR UNGROUNDED THERMOCOUPLES.

**APPLICATION:**

TWO SEPARATE THERMOCOUPLE INPUTS AND TWO SEPARATE SWITCH OUTPUTS.  
TWIN ENGINE ALARMING.  
ALARMING OF SEPARATE SENSING LOCATION.



TWO THERMOCOUPLES IN  
TWO SWITCHES OUT

REVISIONS					TOLERANCES		HEWITT INDUSTRIES OF LOS ANGELES	
REV.	DESCRIPTION	EO#	DATE	BY	UNLESS OTHERWISE SPECIFIED:		TITLE:	
					DIMENSIONS ARE IN INCHES, METRIC EQUIVALENTS ARE IN [BRACKETS]:		DUAL PYRO SWITCH	
					.X = .050 [1.27]		DRAWN BY: JAG	
					.XX = .030 [0.76]		PART NO. 030-054	
					.XXX = .010 [0.25]		APPR. BY:	
					FRACTIONS = 1/32		DATE: 02/12/13	
					ANGLES = ±1°		SHEET 1 OF 1	
					SCALE: 1/1			

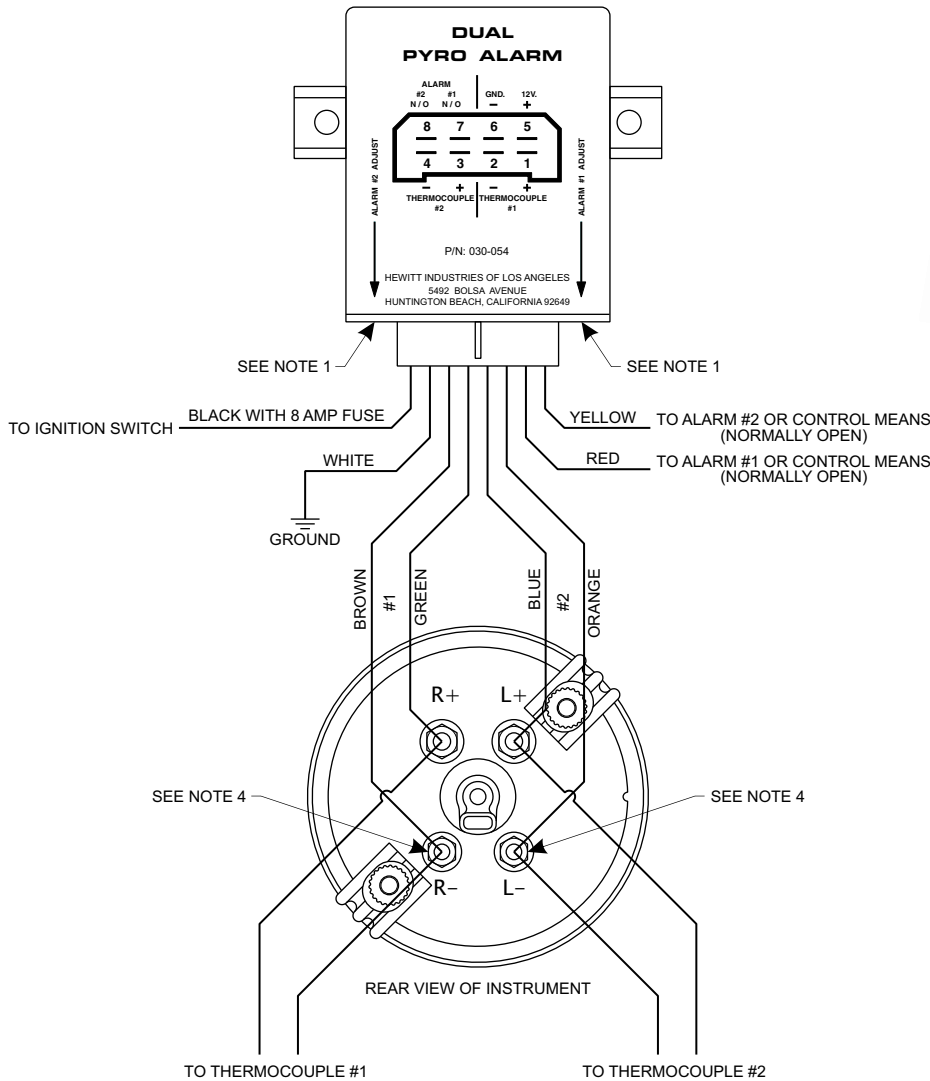
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# PYRO — ALARM

## Wiring Instructions

**Dual Pyro - Alarm P/N: 030-054 (12 volt), 030-054-1 (24 volt)**  
**Two Thermocouples In / Two Alarms out**  
**(Wire Harness P/N: 071-032)**



FRONT VIEW OF INSTRUMENT

**Notes:**

1. Set point adjustment:
  - Clockwise to raise.
  - Counter clockwise to lower.
  - For Alarm #1; adjust for low setting.
  - For Alarm #2; adjust for high setting
  - Seal adjustment holes after verification.
2. Install seal wires after installation.
3. Bench testing system:
  - Ground the thermocouple tube when using a grounded thermocouple.
  - Ground the red wire when using an ungrounded thermocouple.
4. For ungrounded thermocouples, the negative terminal of the instrument must be grounded.
5. For 24 VDC system, add -1 to part number. (030-054 = 12 VDC, 030-054-1 = 24 VDC)