

This document involves CONFIDENTIAL proprietary design rights of HEWITT IND. and all designs, manufacturing, reproduction, use and sale rights regarding same are expressly reserved. It is submitted under a confidential relationship and the recipient agrees to assume custody and control thereof and that proprietary information contained herein shall not be reproduced or transferred to other documents or disclosed to others or used for manufacturing or any other purpose without prior written permission of HEWITT IND.

**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.  
030-058 NEGATIVE GROUND 12 VOLTS  
030-058-1 NEGATIVE GROUND 24  
VOLTS

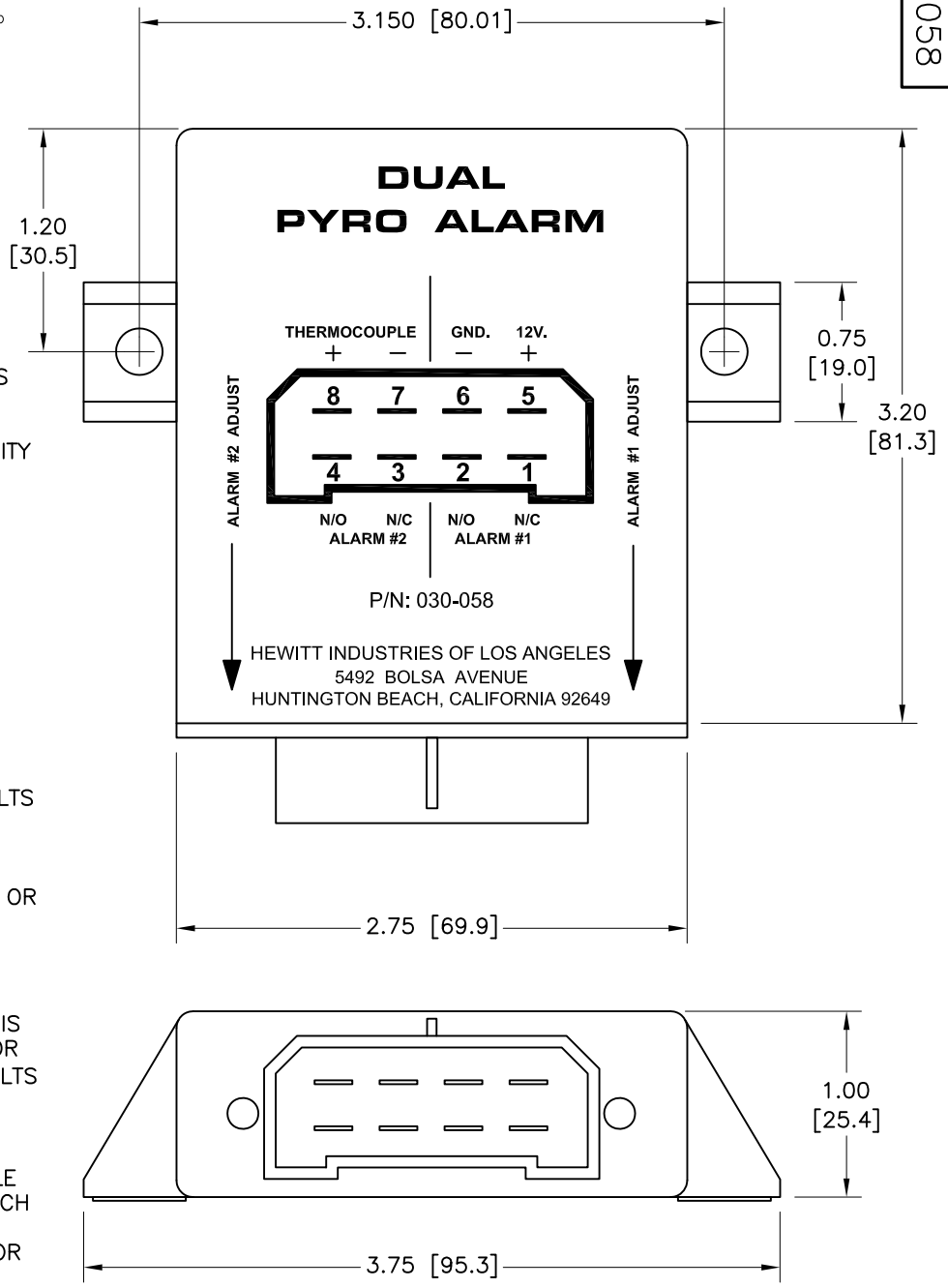
THESE MODELS ARE ADJUSTABLE OR  
AVAILABLE PRESET AND CAN BE  
CONNECTED WITH OR WITHOUT  
INDICATING PYROMETER. RANGE IS  
100°F - 1800°F  
PYROMETER TESTER P/N 030-025 IS  
AVAILABLE FOR SETTING MODULES OR  
CHECKING SYSTEM. (IT IS A MILLIVOLTS  
POWER SUPPLY.)

**IMPORTANT:**

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

**APPLICATIONS:**

ONE THERMOCOUPLE INPUT WITH  
DUAL SWITCH OUTPUTS FOR SWITCHING  
AT TWO DIFFERENT TEMPERATURE  
LEVELS WITH THE SAME  
THERMOCOUPLE.



ONE THERMOCOUPLE IN  
TWO SWITCHES OUT

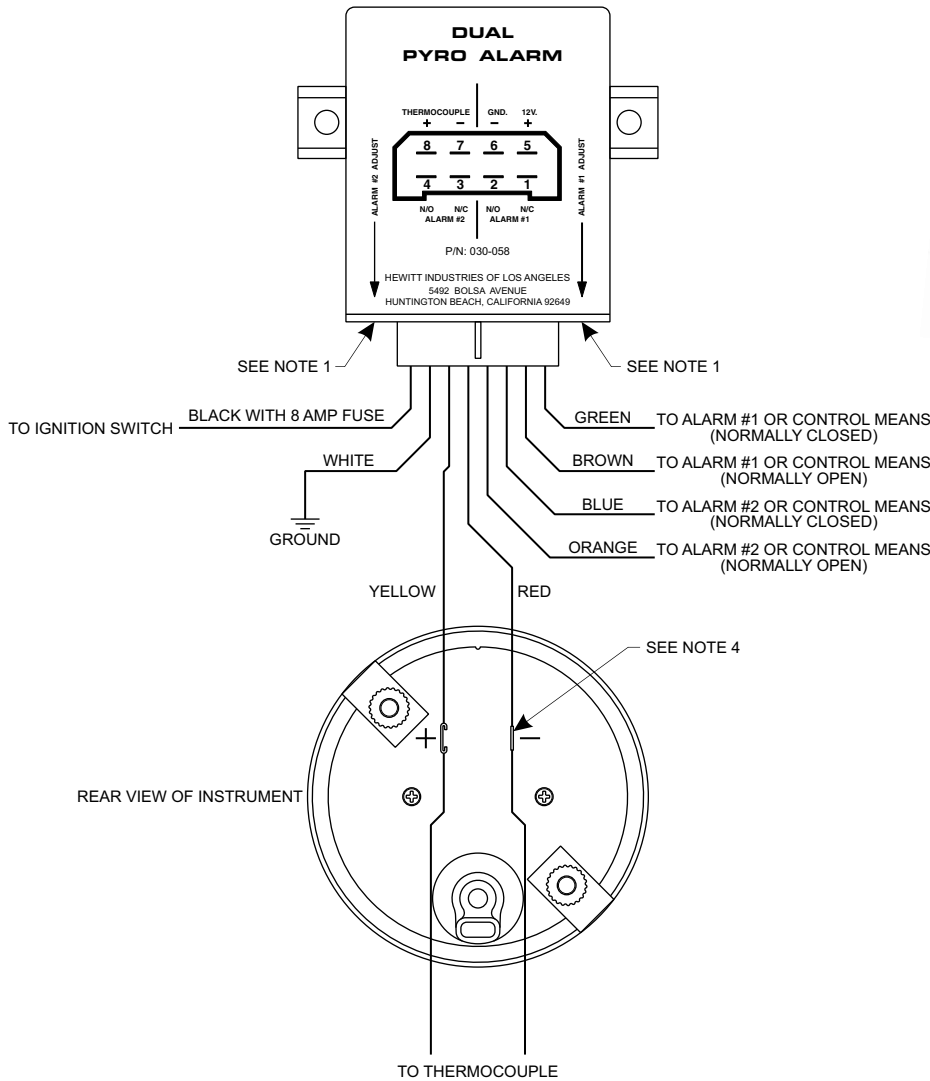
REVISIONS					TOLERANCES		HEWITT INDUSTRIES OF LOS ANGELES	
REV.	DESCRIPTION	EO#	DATE	BY	UNLESS OTHERWISE SPECIFIED:		TITLE:	
1					DIMENSIONS ARE IN INCHES, METRIC EQUIVALENTS ARE IN [BRACKETS]:		DUAL PYRO SWITCH	
					.X = .050 [1.27]		DRAWN BY: JAG	PART NO. 030-058
					.XX = .030 [0.76]		APPR. BY:	
					.XXX = .010 [0.25]		DATE: 12/12/11	SHEET 1 OF 1
					FRACTIONS = 1/32			
					ANGLES = ±1°			
					SCALE: 1/1			



# PYRO — ALARM

## Wiring Instructions

**Dual Pyro - Alarm P/N: 030-058 (12 volt), 030-058-1 (24 volt)**  
**One Thermocouple 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. (030-058 = 12 VDC, 030-058-1 = 24 VDC)