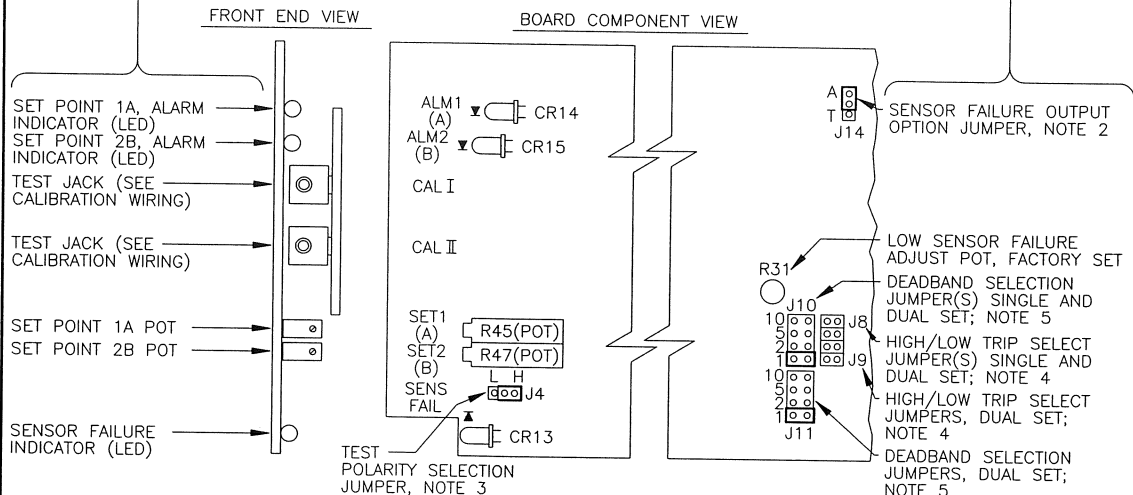
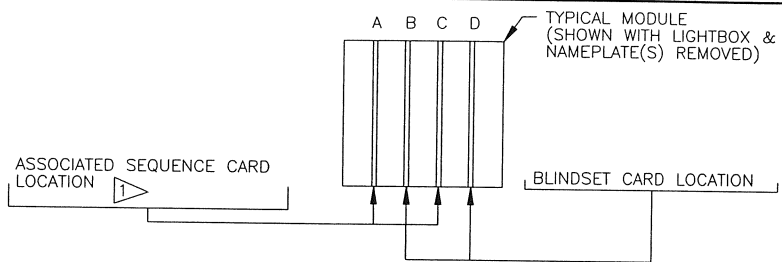


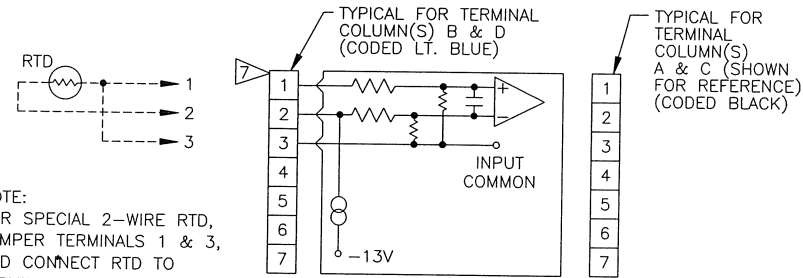
SEE INSTRUCTION MANUAL NO. 900251 FOR COMPLETE INSTALLATION INSTRUCTIONS AND CALIBRATION PROCEDURE



BLIND SET ANALOG CARD CALIBRATION POT, TEST JACK, INDICATOR AND JUMPER LOCATION



TYPICAL CARD ARRANGEMENT WITH STANDARD MODULE (SEQUENCE CARD POS."A" INTERFACED WITH BLINDSET ANALOG CARD, POS."B") (SEQUENCE CARD POS."C" INTERFACED WITH BLINDSET ANALOG CARD, POS."D" IF USED)



NOTE: FOR SPECIAL 2-WIRE RTD, JUMPER TERMINALS 1 & 3, AND CONNECT RTD TO TERMINALS 1 & 2.

SIGNAL INPUT WIRING DIAGRAM

- NOTES:
- FOR MODEL 91AB1* (SINGLE SET) BLIND SET ANALOG CARD(S), USE SINGLE POINT SEQUENCE CARD(S) WITH DB12DC INPUT. NO/NC JUMPER MUST BE SET IN NC POSITION. FOR MODEL 91AB2* (DUAL SET) BLIND SET ANALOG CARD(S), USE TWIN POINT SEQUENCE CARD(S) WITH DB12DC INPUT. NO/NC JUMPER MUST BE SET IN NC POSITION.
 - SENSOR FAILURE OUTPUT OPTION: (FACTORY SET FOR BOTH ALARM OUTPUTS) A POSITION: SENSOR FAILURE ACTIVATES BOTH ALARM OUTPUTS. T POSITION: SENSOR FAILURE ACTIVATES TEST OUTPUT.
 - TEST POLARITY OPTION: (FACTORY SET FOR HIGH TRIP) H POSITION: TEST P.B. WILL CHECK HIGH TRIP ALARMS. L POSITION: TEST P.B. WILL CHECK LOW TRIP ALARMS.
 - HIGH OR LOW TRIP OPTION: (FACTORY SET FOR HIGH TRIP) BOTH JUMPER HORIZONTAL: ALARM FOR SIGNAL GREATER THAN SET POINT. BOTH JUMPER VERTICAL: ALARM FOR SIGNAL LESS THAN SET POINT.
 - DEADBAND OPTION: (FACTORY SET FOR 1%) HORIZONTAL JUMPER: POSITION SELECTS 1, 2, 5 OR 10% DEADBAND. VERTICAL JUMPER: ANY POSITION SELECTS 1/2% DEADBAND. (OPTION "1DB" REDUCES ALL DEADBANDS BY 50%).
 - USE TEST PROBE 90TP2 TO CONNECT TO TEST JACK.

DASHED LINES INDICATE CUSTOMER FIELD WIRING

TO PREVENT SENSOR FAILURE INDICATION ON UN-WIRED POINTS, JUMPER TERMINAL 1 TO TERMINAL 3, AND INSTALL A 1/4W RESISTOR ACROSS TERMINALS 1 AND 2 AS FOLLOWS: *R1-10 OHM, *R2-100 OHM, *R3-120 OHM.

TABLE 1	MODEL NO.	RANGE	RTD TYPE
	91AB*R1	-70 TO 150°C	10 OHM COPPER
	91AB*R2	-200 TO 600°C	100 OHM PLATINUM
	91AB*R3	-60 TO 180°C	120 OHM NICKEL

REV	ECN NO.	BY	APPD	DATE	MATERIAL:
06	10319	SK	AD	01/09/90	FINISH:
07	10984	SK	PG	08/04/92	USED ON/REF. DWG
08	11872	SK	<i>M/S</i>	6/15/01	91AB*
					900251
					91900-AB-1

TOL. UNLESS SPECIFIED
 INCHES
 .X = .015
 .XX = .010
 .XXX = .005
 MILLIMETERS
 X.0 = 1.0
 0.X = 0.4
 0.XX = 0.1
 ANGLES ±0°30'
 SCALE INCH (MM)
 NTS

PANALARM 1725 WESTERN DRIVE, WEST CHICAGO, IL., 60185, U.S.A.
 PHONE: 1-630-231-5900 FAX: 1-630-231-4502

INPUT WIRING DIAGRAM FOR MODEL 91AB*R*
 3 WIRE RTD
 USED ON SERIES 90 BLIND SET ANALOG

SHEET 1 OF 1
DWG. NO. 91450-R*-2
-B-