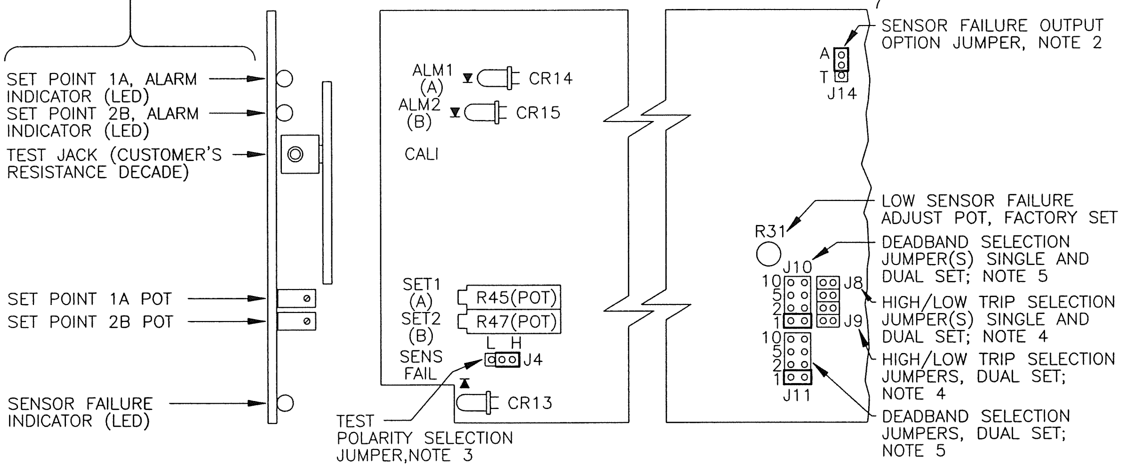
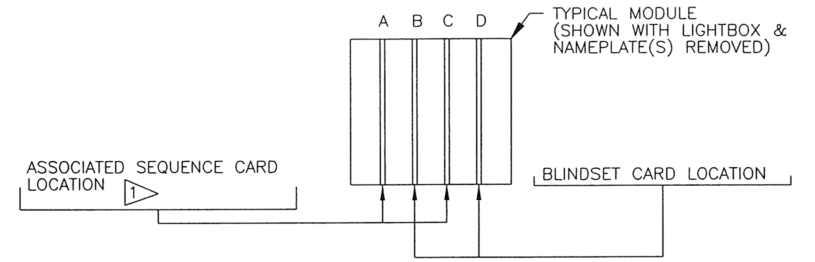
SEE INSTRUCTION MANUAL NO. 900251 FOR COMPLETE INSTALLATION INSTRUCTIONS AND CALIBRATION PROCEDURE

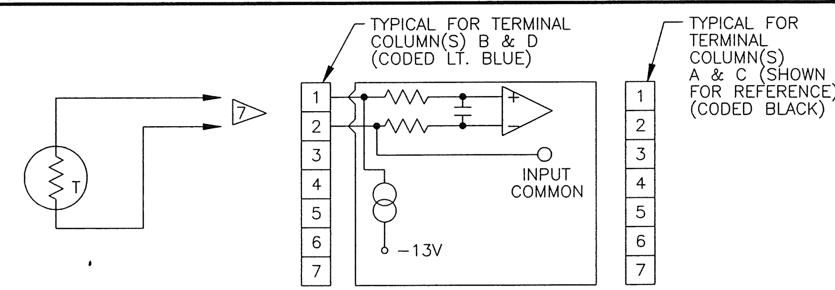


BLIND SET ANALOG CARD CALIBRATION POT, TEST JACK, INDICATOR AND JUMPER LOCATION



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)



SIGNAL INPUT WIRING DIAGRAM

NOTES:

1. 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.
2. 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.
3. 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.
4. 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.
5. 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%).
6. USE TEST PROBE 90TP2 TO CONNECT TO TEST JACK.
7. TO PREVENT SENSOR FAILURE INDICATION ON UN-WIRED POINTS, INSTALL THE RESISTOR SHOWN IN TABLE 1 ACROSS THE SIGNAL INPUT.

DASHED LINES INDICATE CUSTOMER FIELD WIRING

TABLE 1

MODEL NO.	THERMISTOR RESISTANCE AT 25°C	RANGE °C	SUGGESTED THERMISTOR TYPES FENWALL PART NO.	SUGGESTED THERMISTOR TYPES YSI PART NO.	SENSOR FAILURE PREVENTION RESISTOR 7
91AB*TM1	100	−70 TO +25	UUD21J1	44001A	100Ω
	300	−50 TO +60	UUD23J1	44002A	270Ω
	500	−40 TO +75	UUB25J1	NONE	470Ω
	1000	−25 TO +100	UUB31J1	44003A	1KΩ
	2252	−5 TO +115	UUA32J3	44004	2.2KΩ
	3000	0 TO 125	UUA33J1	44005	2.7KΩ
	5000	10 TO 145	UUA35J1	44007	4.7KΩ

REV	ECN NO.	BY	APPD	DATE
06	10390-06	SM	JT	08/02/90
07	10984	SK	PG	08/04/92
08	11160	SM	JT	11/19/96
09	11872	SK	[illegible]	6/15/01

MATERIAL:

FINISH:

USED ON/REF. DWG	DESCRIPTION
91AB*	BLIND SET ANALOG DWG LIST
900251	INSTRUCTION MANUAL
91900-AB-1	BLIND SET OPTION LIST

91450-TM_-2-09-01.dwg

TOL. UNLESS SPECIFIED
INCHES
.X = .015
.XX = .010
.XXX = .005
MILLIMETERS
X.0 = 1.0
0.X = 0.4
0.XX = 0.1
ANGLES X

SCALE NTS | INCH (MM)

AMETEK

PANALARM

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

DWN. BY JT/SM
APPD/DATE LC 08/03/82
THIRD ANGLE PROJECTION

INPUT WIRING DIAGRAM FOR MODEL 91AB*TM*
THERMISTOR
USED ON SERIES 90 BLIND SET ANALOG

SHEET 1 OF 1 | DWG. NO. 91450-TM*-2 | -B-