



NOTES:

- SEE DRAWING No. 90400-DD*-1 FOR STANDARD DIGITAL DISPLAY CONFIGURATION & INTERFACE WITH METER SET, FOR SYSTEMS UP TO 5 MODULES WIDE (100 POINTS MAX.)
- SEE DRAWING No. 90400-DD*-2 FOR EXPANDED DIGITAL DISPLAY CONFIGURATION & INTERFACE WITH METER SET, FOR SYSTEMS UP TO 10 MODULES WIDE (200 POINTS MAX.)
- FOR MODELS 91AD1* (SINGLE SET) METER SET ANALOG CARDS(S), USE SINGLE POINT SEQUENCE CARD(S) WITH DM12DC INPUT.
FOR MODELS 91AD2* (DUAL SET) METER SET ANALOG CARDS(S), USE TWIN POINT SEQUENCE CARD(S) WITH DM12DC INPUT.
- USED TO MONITOR TRANSDUCER STATUS DURING CUSTOMER CALIBRATION, REF. INSTRUCTION MANUAL & TEST PROBE. MODEL 90TP2 TEST PROBE TO BE USED TO CONNECT TEST JACK "TP1" TO CUSTOMER'S MULTIMETER.
- TO EXPAND AVAILABLE SETPOINTS TO A MAX. OF 4, CONNECT OPTION "1NE" OR "2NE" CARD AS SHOWN.
- MUST BE USED ONLY WITH DIGITAL DISPLAY CONTAINING 90CPX1X026.
- MUST BE USED ONLY WITH DIGITAL DISPLAY CONTAINING 90CPX1X028.
- USED ON 91AD*RR* ONLY OBSOLETE APRIL 1987.

DASHED LINES INDICATE CUSTOMER FIELD WIRING

MODEL No.	RANGE	FACTORY INSTALLED RESISTOR
91AD*R1	-70 TO 150°C	10 Ω, 5%, 1/4W, P/N 630035
91AD*R2	-200 TO 600°C	150 Ω, 5%, 1/4W, P/N 431411
91AD*R3	-60 TO 180°C	150 Ω, 5%, 1/4W, P/N 431411
91AD*R4	-60 TO 180°C	150 Ω, 5%, 1/4W, P/N 431411
91AD*R1(026)	-70 TO 165°C	10 Ω, 5%, 1/4W, P/N 630035
91AD*R1(028)	0 TO 150°C	150 Ω, 5%, 1/4W, P/N 431411

TABLE 1

THE RESISTOR AND JUMPERS SHOWN ARE INSTALLED BY FACTORY TO PREVENT SENSOR FAILURE INDICATION ON UNASSIGNED POSITIONS. REMOVE RESISTOR & JUMPERS ONLY WHEN POSITION IS ASSIGNED.

(NOTE: FOR SPECIAL 2-WIRE RTD INSTALLATIONS LEAVE THE JUMPERS IN PLACE & CONNECT RTD TO TERMINALS No. 1 AND 4).

REV	ECN NO.	BY	APPD	DATE	MATERIAL: *****
07	6841-68	LJ	AD	10/17/86	FINISH: *****
08	6841-46	LJ	PG	03/27/87	USED ON/REF. DWG
09	6841-51	LJ	PG	03/14/88	91AD*
10	10319	SK	AHD	01/02/90	900252
11	11484	AD	AHD	12/01/94	91900-AD-1
12	11872	SK	MAJ	6/15/01	90DD*

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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 NONE (MM)

AMETEK

PANALARM 1725 WESTERN DRIVE, WEST CHICAGO, IL., 60185, U.S.A.
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INPUT WIRING DIAGRAM FOR MODEL 91AD*R*
3 & 4 WIRE RTD
USED ON SERIES 90 METER SET ANALOG

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