

SINGLE INPUT CARD

ANALOG BLIND SET DEVICE

SET POINT

1 = SINGLE SET POINT  
2 = DUAL SET POINT

91 AB

X

CARD EDGE CONTACT FINGERS PLATING OPTION

(BLANK FIELD INDICATES STANDARD TIN PLATING)

1GF = GOLD PLATING ON CARD EDGE CONNECTOR FINGERS  
PER ENG-151-9

3GF = GOLD FLASHING ON CARD EDGE CONNECTOR FINGERS  
PER ENG-151-9

OPTIONS

1NE = NO TRANSDUCER EXCITATION 

\*Y = POLARIZING KEY (SEE DRAWING 90850-\*Y-1)

1DB = 1/4%, 1/2%, 1%, 2-1/2%, 5% DEAD BAND

PLACE HOLDER


X = INDICATES PLACE HOLDER REQUIRED WHEN  
ADDITIONAL OPTIONS ARE SPECIFIED


BLIND SET ANALOG INPUT OPTION LIST


INPUT DESIGNATION	TRANSDUCER TYPE	INPUT	OPERATIONAL RANGE	ASS'Y(MAIN PLUG-IN BD)	WIRING DWG.
AXD1	ACTIVE INSTRUMENTATION SIGNAL	0 TO 1.0V 1 TO 5.0V 0 TO 10V -5 TO +5V -10 TO +10V 0.25 TO 1.25V (4-20 mA) (JUMPER SELECTABLE)	0 - 100%	91300-8AB*-1	91450-AXD*-2
PXD1 PXD2 PXD3	PASSIVE INSTRUMENTATION SIGNAL	0.4 TO 2.0mA 1.0 TO 5.0mA 4.0 TO 20.0mA	0 - 100%		91450-PXD*-2
LC1 LC2	LOAD CELL (STRAIN GAUGE)	2.0 TO 5.0mV/V MAX @ 10V 4.0 TO 10.0mV/V MAX @ 5V	0 - 100%		91450-LC*-2
R1 R2 R3	3 WIRE RTD	CU,10 OHM @ 25°C PT,100 OHM @ 0°C(DIN. STD) NI,120 OHM @ 0°C	-70 TO 150°C -200 TO 600°C -60 TO 180°C		91450-R*-2
RR1 RR2 RR3	4 WIRE RTD	CU,10 OHM @ 25°C PT,100 OHM @ 0°C(DIN. STD) NI,120 OHM @ 0°C	-70 TO 150°C -200 TO 600°C -60 TO 180°C		91450-RR*-2
TC1 TC2 TC3 TC4	THERMOCOUPLE	TYPE J TYPE K TYPE T TYPE E	0 TO 760°C 0 TO 1260°C -185 TO 370°C -185 TO 870°C		91450-TC*-2
TM1	THERMISTOR	100 OHM @ 25°C 300 OHM @ 25°C 500 OHM @ 25°C 1000 OHM @ 25°C 2252 OHM @ 25°C 3000 OHM @ 25°C 5000 OHM @ 25°C	-70 TO 25°C -50 TO 60°C -40 TO 75°C -25 TO 100°C -5 TO 115°C 0 TO 125°C 10 TO 145°C		91450-TM*-2

NOTES:

1. DEADBAND OPTIONS ARE JUMPER SELECTABLE ON BOARD.


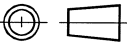
 AVAILABLE ON R\*,RR\*,TM\* & LC\* ONLY.

 OPERATIONAL RANGE SHOWN FOR REFERENCE ONLY. TO CONVERT TO DEGREES FAHRENHEIT USE THE FOLLOWING FORMULA  
 $^{\circ}\text{C} \times 1.8 + 32 = ^{\circ}\text{F}$ .

 90ATB2 COLD JUNCTION COMPENSATOR REQUIRED (TERM. 3 & 4) ON ALL TC INPUT POSITIONS.

REV	ECN NO.	BY	APPD	DATE	MATERIAL:
05	10558-01	SM	JT	01/09/91	FINISH:
06	10920	SK	JT	04/07/92	USED ON/REF. DWG
07	10984	SK	PG	08/04/92	91AB* DRAWING LIST
08	11494-01	SK	JT	08/12/94	
09	11872	SK	.	/ /	

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)

  
DWN. BY TWL/SM  
APPD/DATE TC 06/29/82  
THIRD ANGLE PROJECTION  


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

SERIES 90 BLIND SET ANALOG  
INPUT AND OPTION DRAWINGS

SHEET 1 OF 1 DWG. NO. 91900-AB-1 -C-