

NOTES :

GENERAL

OUTPUT TO THE INSTRUMENT FROM THE PREAMP IS A GAIN OF 1, NORMAL POLARITY.

WHEN A COMBINATION ELECTRODE IS USED, REFERENCE CONNECTION IS MADE THROUGH THE BNC CONNECTOR.

IF A SEPARATE REFERENCE CELL IS USED, CONNECT IT TO THE RED LEAD, AND LEAVE THE OTHER CONNECTIONS TO 8 IN PLACE.

JUMPER SETTINGS


TEMPERATURE COMPENSATOR SELECTION:
 JP-1 = Pt1000; JP-2 = Pt100; JP-3 = 3K BALCO

SLIDE SWITCH S1 TOWARD THE EDGE OF THE CIRCUIT BOARD TO SELECT EXTERNAL PREAMP.

SHIELDING

TAKE CARE NOT TO ALLOW THE BNC SHIELD (REFERENCE LEAD) TO CONTACT METAL PIPING OR J-BOXES AT ANY POINT, AS THIS WILL SHORT THE REFERENCE CELL TO EARTH GROUND, AND CAUSE UNSTABLE READINGS. SHIELDING OF THE CABLE FROM AMPLIFIER TO INSTRUMENT IS USUALLY NOT REQUIRED. IF A SHIELD IS USED, CONNECT IT TO REFERENCE AT ONE POINT ONLY, AND BE SURE THAT IT DOES NOT TOUCH ANY OF THE OTHER LEADS.

NOTES UNLESS OTHERWISE SPECIFIED:

		11751 Markon Drive	
		Garden Grove, CA. 92841 USA	
		phone: 714-895-4344 fax: 714-894-4839	
DRAWN	BOB HUNT	TITLE	
CHECKED	11/29/95	SDI/EC1 LO PWR. PREAMPLIFIER WITH UNILOC 3081	
APPROVED		SCALE	DRAWING NO.
		NONE	
		SHEET	SDI-3081
		1 OF 1	REV.