



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 7&8 IN PLACE.

JUMPER SETTINGS

PUT "PREAMP LOCATION" JUMPER IN THE "SENSOR" POSITION (TO THE RIGHT)

TB2

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.

WE NEED TO DO THE PREAMP COLOR CODE TO MATCH THE INSTRUMENT'S

BROWN -5V, GREEN +5V
BLACK SIGNAL, GRAY REFERENCE

NOTES UNLESS OTHERWISE SPECIFIED:

11751 Markon Drive Garden Grove, CA. 92841 USA phone: 714-895-4344 fax: 714-894-4839			
DRAWN BOB HUNT		TITLE SDI/EC1 LO PWR. PREAMPLIFIER WITH ROSEMOUNT 54e	
CHECKED 2/28/01			
APPROVED		SCALE NONE	DRAWING NO.
		SHEET 1 OF 1	SDI-54e
			REV.