

## NOTES :

### GENERAL

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

WHEN A COMBINATION ELECTRODE IS USED, REFERENCE CONNECTION IS MADE THROUGH THE BNC CONNECTOR. USE OF A SEPARATE REFERENCE REQUIRES THAT ITS LEAD BE CONNECTED DIRECTLY TO THE Iso Grd TERMINAL IN THE INSTRUMENT.


### TEMPERATURE COMPENSATION

STANDARD 8710 TC IS ACCOMPLISHED WITH A 3KΩ BALCO ELEMENT ACROSS T+ AND T-.

### 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 THE **SHLD** TERMINAL, AND MAKE SURE THAT IT DOES NOT TOUCH ANY OF THE OTHER LEADS, OR EARTH GROUND.

NOTES UNLESS OTHERWISE SPECIFIED:

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DRAWN 11/1/95 rh		TITLE		DRAWING NO.		REV.	
CHECKED		EC1 WITH SIGNET 8710		EC1-8710		/	
APPROVED		SCALE NONE		DRAWING NO.		REV.	
		SHEET 1 OF 1		EC1-8710		/	