

NOTES :

GENERAL

OUTPUT TO THE INSTRUMENT FROM THE PREAMP IS UNITY GAIN, NORMAL POLARITY.

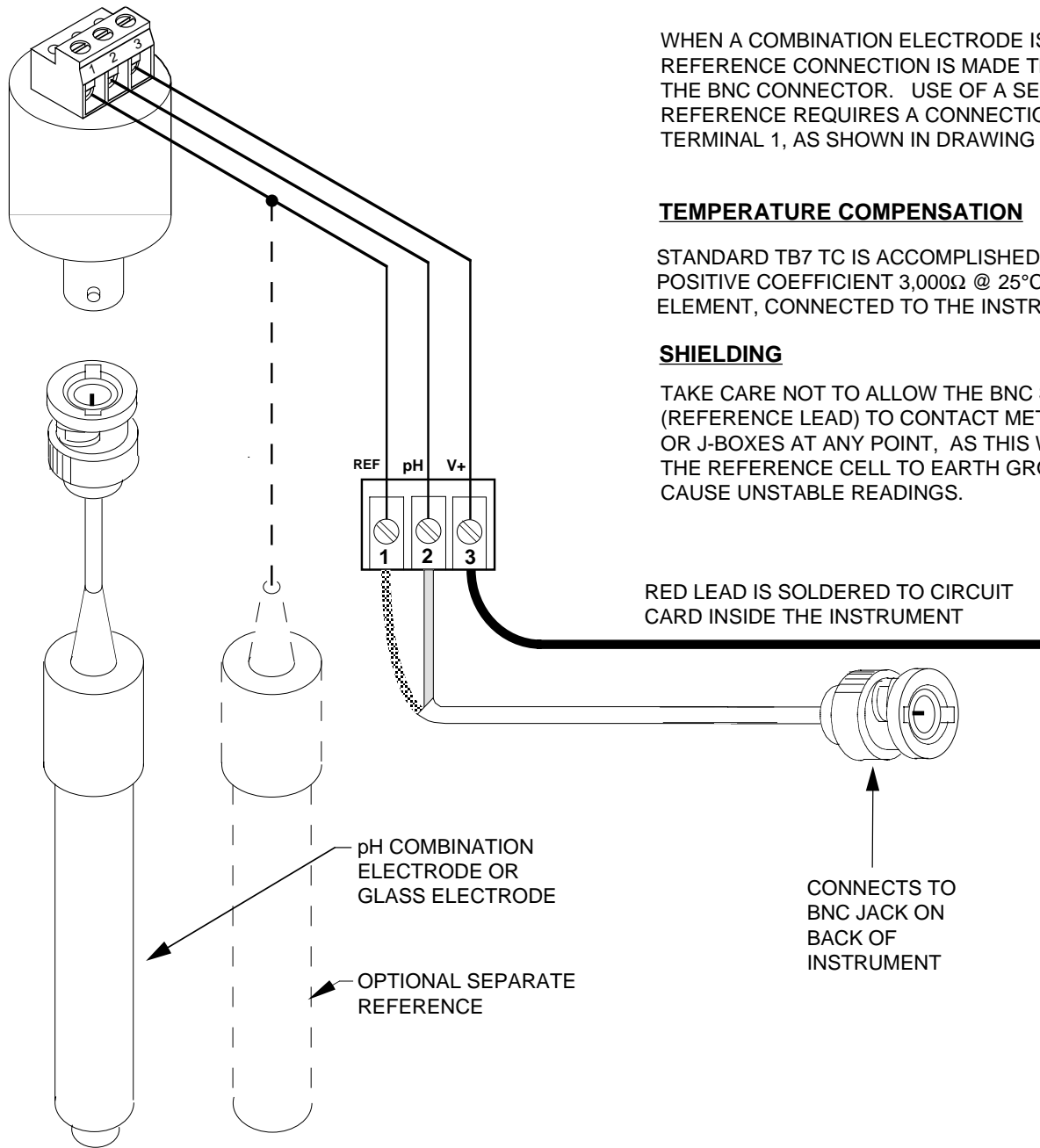
WHEN A COMBINATION ELECTRODE IS USED, REFERENCE CONNECTION IS MADE THROUGH THE BNC CONNECTOR. USE OF A SEPARATE REFERENCE REQUIRES A CONNECTION TO TERMINAL 1, AS SHOWN IN DRAWING AT LEFT.

TEMPERATURE COMPENSATION

STANDARD TB7 TC IS ACCOMPLISHED WITH A POSITIVE COEFFICIENT $3,000\Omega @ 25^{\circ}\text{C}$ BALCO ELEMENT, CONNECTED TO THE INSTRUMENT.

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.



SENSOREX

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DRAWN	TITLE	11751 Markon Drive Garden Grove, CA. 92841 USA phone: 714-895-4344 fax: 714-894-4839	
CHECKED	PREAMPLIFIER WIRING		
APPROVED	U698-03 w/TBI MODEL TB7		
	SCALE NONE	DRAWING NO.	REV.
	SHEET 1 OF 1	U698-03-TB7	/