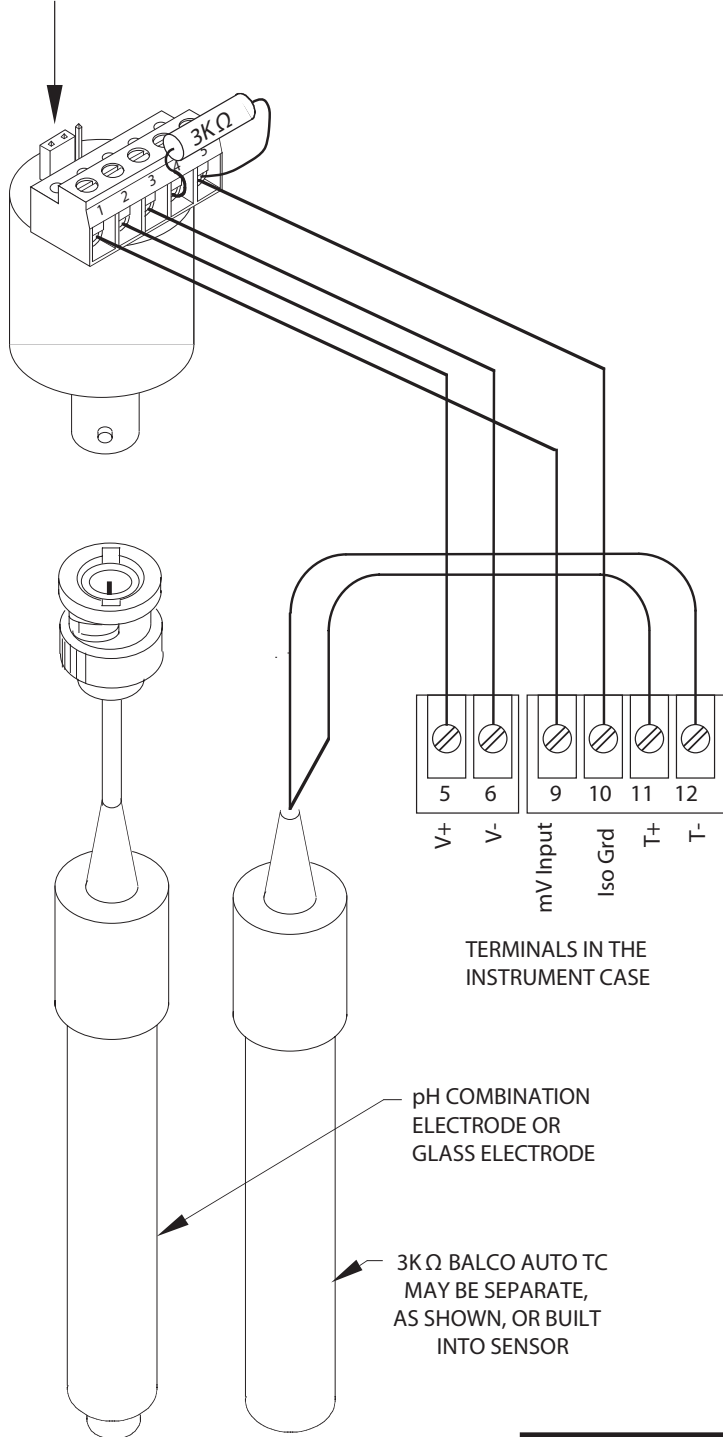


POSITION JUMPER ON PINS AS SHOWN FOR AN OUTPUT GAIN OF +1. THE OTHER POSITION GIVES A GAIN OF -3.



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 AUTO TC IS ACCOMPLISHED WITH A 3K Ω 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 SENSR GND TERMINAL #7, AND MAKE SURE THAT IT DOES NOT TOUCH ANY OF THE OTHER LEADS, OR EARTH GROUND.

TERMINALS IN THE INSTRUMENT CASE

pH COMBINATION ELECTRODE OR GLASS ELECTRODE

3K Ω BALCO AUTO TC MAY BE SEPARATE, AS SHOWN, OR BUILT INTO SENSOR

NOTES UNLESS OTHERWISE SPECIFIED:

				11751 Markon Drive Garden Grove, CA. 92841 USA phone: 714-895-4344 fax: 714-894-4839	
DRAWN 6/19/02rh		TITLE			
CHECKED		SSA WITH SIGNET 8750-1			
APPROVED		SCALE NONE	DRAWING NO.		REV.
		SHEET 1 OF 1	SSA-8750-1		/