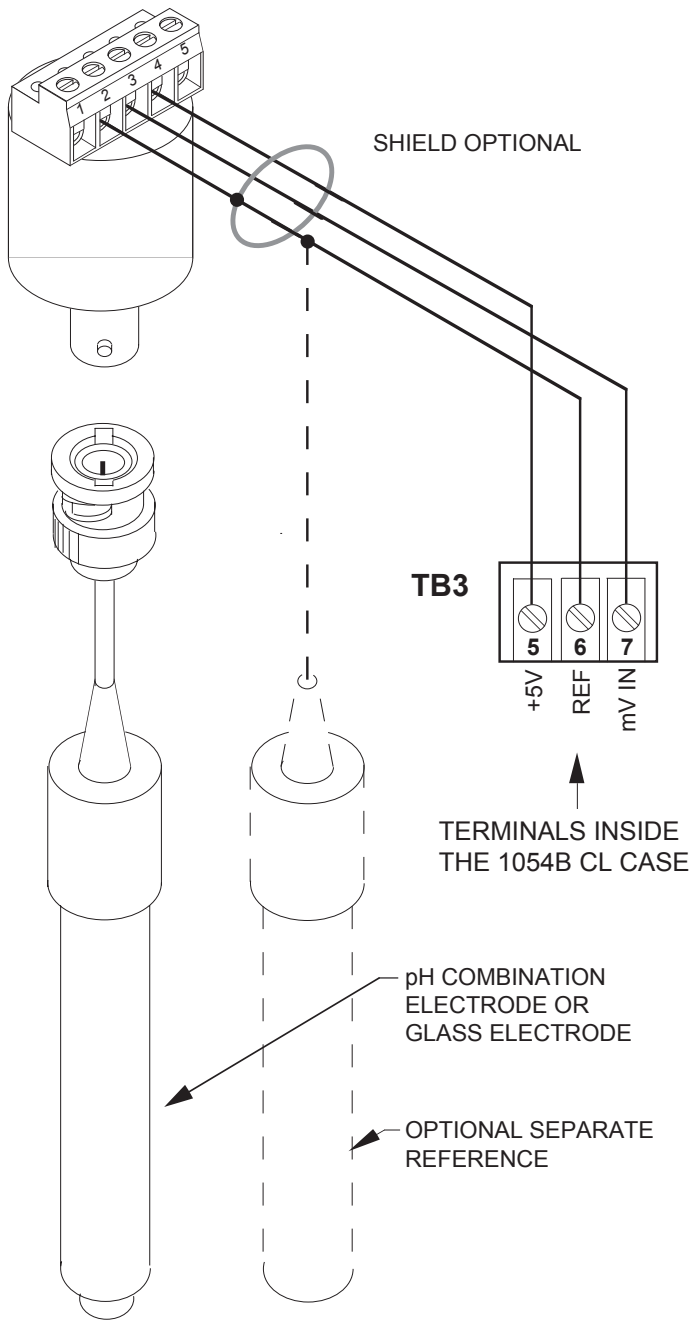


TERMINALS 1 AND 5 ARE TIE POINTS WITH NO CONNECTION TO THE INTERNAL CIRCUITRY OF THE AMPLIFIER.



**NOTES :**

**GENERAL**

OUTPUT TO THE INSTRUMENT FROM THE PREAMP IS UNITY GAIN, NORMAL POLARITY. 1054B CL POWER SUPPLY IS +5V.


WHEN A COMBINATION ELECTRODE IS USED, REFERENCE CONNECTION IS MADE THROUGH THE BNC CONNECTOR. USE OF A SEPARATE REFERENCE REQUIRES A CONNECTION TO TERMINAL 6, AS SHOWN IN DRAWING AT LEFT.

**TEMPERATURE COMPENSATION**

STANDARD 1054B CL ATC IS DONE WITH THE PLATINUM RTD IN THE CHLORINE SENSOR.

**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 REQUIRED. CONNECT IT TO REFERENCE AT THE SENSOR END ONLY, AND MAKE SURE THAT IT DOES NOT TOUCH ANY OF THE OTHER LEADS.

|  |  |                                       |      |
|--|--|---------------------------------------|------|
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|  |  | Garden Grove, CA. 92841 USA           |      |
|  |  | phone: 714-895-4344 fax: 714-894-4839 |      |
| DRAWN  | TITLE  |                                       |      |
| CHECKED  | <b>PREAMPLIFIER WIRING, U698-03<br/>WITH UNILOC/ROSEMOUNT 1054B CL</b> |                                       |      |
| APPROVED   | SCALE  | DRAWING NO.                           | REV. |
|  | 1 OF 1   | <b>U698-03-1054B CL</b>               |      |