



JUMPERS

THE JUMPER FROM RTD SENSE TO RTD RETURN ELIMINATES THE NEED FOR A THIRD WIRE, BUT IT ALSO DEFEATS THE AUTOMATIC COMPENSATION FOR LEAD RESISTANCE. FOR LENGTHS OVER 15 FEET, THE JUMPER SHOULD BE OMITTED AND A THIRD WIRE USED.

THE JUMPER FROM SOLUTION GROUND TO REFERENCE WILL MAKE THE SENSOR DIAGNOSTICS RETURN ZERO FOR REFERENCE CELL RESISTANCE. THIS CAN BE DISABLED IN SOFTWARE IF DESIRED.

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 PREAMPLIFIER TO INSTRUMENT IS OPTIONAL.

		11751 Markon Drive Garden Grove, CA. 92841 USA phone: 714-895-4344 fax: 714-894-4839	
		DRAWN BOB HUNT CHECKED 1/18/02	TITLE SDI LOW POWER PREAMPLIFIER WITH UNILOC 1055/Solu Comp II
APPROVED	SCALE NONE	DRAWING NO.	REV.
	SHEET 1 OF 1	SDI-1055	