



- 1 The electrode input of the STANDARD PREAMP is designed for a "combination" electrode. If separate "mono" electrodes (pH Glass and Reference) are required, specify BJC adapter P/N EO-1003. Take care not to allow the BNC shield (metal outer case) to contact metal conduits, fittings, or J-Boxes at any point, as this will short the Reference Cell to earth ground, and cause unstable pH readings.
- 2 When automatic temperature compensation (T.C.) is not required, place a 3KΩ (1%) fixed resistor across terminals 1 and 2 of the PREAMP J-Box 5-position terminal strip. It is NOT recommend to operate without automatic T.C. on most process pH control applications.
- 3 Proceed to install wiring from STANDARD PREAMP J-Box 5-position output terminal strip to the ECD Model PHC01 input terminal strip TB1 as shown above. Recommend use of multi-conductor cable as provided by ECD, Belden #8724 or equivalent.
- 4 Shielding of the cable from preamplifier to instrument is usually not required. If a shield is used, connect it to earth ground at one point only, and be sure that it does not touch any of the other leads.

PARTS LIST	
DESCRIPTION	P/N
PREAMP	500-P561
JUNCTION BOX	500-P101

Broadley-James Corporation 1714 South Lyon Street, Santa Ana, CA 92705 Tel: (714) 547-8061 Fax: (714) 547-8988			
TITLE: STANDARD PREAMP INTERFACE TO ECD MODEL PHC01 pH INSTRUMENT			
DRAWN BY: R. RAMUS DATE: 11/6/91	APPROVED BY: DATE:	REVISION: DATE:	DRAWING NUMBER D-50100