



△1 The electrode input of the PREAMP is designed for "Combination" electrodes. If separate "mono" electrodes (pH Glass and Reference) are required, specify and use BJC adapter P/N EO-1003. Take care not to allow the metal portion of the BNC to contact metal piping or metal j-boxes at any point.

△2 When automatic temperature compensation (A.T.C.) is not required, place a 3KΩ (1%) fixed resistor across PREAMP J-BOX OUTPUT terminals 1 and 2 in lieu of the A.T.C. element.

△3 Proceed to install wiring from preamp J-Box output terminal strip to the ECD Model pHT20 input terminal strip. Recommend use of multi-conductor cable as provided by ECD, Belden #8724 or equivalent. Shielding of the cable from preamplifier to instrument is usually not required. If a shielded cable is used, connect it to earth ground at one point only, and be certain that it does not touch any other leads.

| PARTS LIST | |
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| DESCRIPTION | P/N |
| PREAMP | 500-P562 |
| JUNCTION BOX | 500-P101 |
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| 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 pHT20 2-WIRE TRANSMITTER | | | |
| DRAWN BY: PMc | APPROVED BY: | REVISION: | DRAWING NUMBER |
| DATE: 26 FEB 92 | DATE: | DATE: | D-50135 |