



- 1 Refer to the PREAMP TOP VIEW illustration above and make certain that the jumper is in the position indicated for "inverted" polarity as shown. The electrode input of the STANDARD PREAMP is designed for use with pH sensors containing "combination" electrodes. Connect the pH "combination" electrode into the INPUT BNC connector as shown above. If separate "mono" electrodes (pH Glass and Reference) are required, specify and use adapter P/N EO-1003. A 2KΩ 1% fixed resistor is factory installed across terminal 1 and 2 of the Standard Preamp J-Box 6-position "output" terminal strip as shown above.
- 2 Connect the Automatic Temperature Compensator
- 3

- (3kΩ @ 25°C) across terminals 4 and 5 of the 5-position terminal strip of the Standard Preamp. When automatic temperature compensation (T.C.) is not required, place a 3KΩ (1%) fixed resistor across PREAMP terminals 4 and 5.
- 4 Proceed to install wiring from STANDARD PREAMP J-Box output terminal strip to the Foxboro Model 2220 input terminal strip as shown above. Recommend use of multi-conductor cable as provided by Foxboro, Belden #8786 or equivalent.
- 5 Connect a jumper between terminals 4 (COM) and 5 (-SIG) on the input terminal strip of the Foxboro Model 2220.

PARTS LIST	
DESCRIPTION	P/N
PREAMP	500-P530
JUNCTION BOX	500-P101

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**TITLE: STANDARD PREAMP INTERFACE TO
 FOXBORO/BALSBAUGH MODEL 2220**

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