

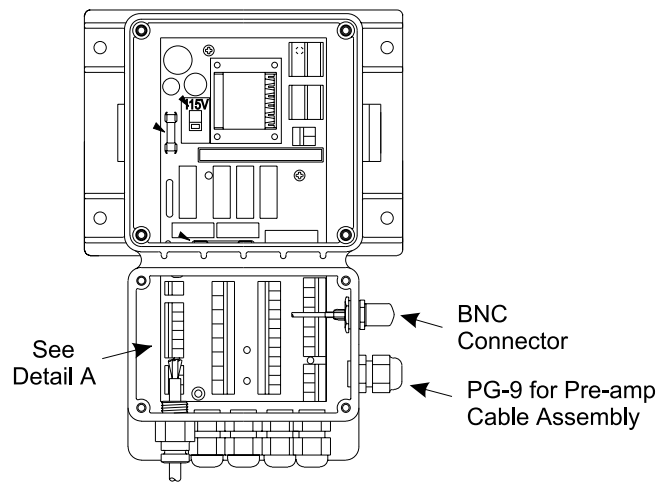
Instruction Sheet

Liquitron™ pH and ORP Wall Mount Controllers Preamplifier and Cable Assembly Installation • Instructions for the DP5000 & DR5000

⚠ WARNING: Disconnect power to the controller before opening the front panel!

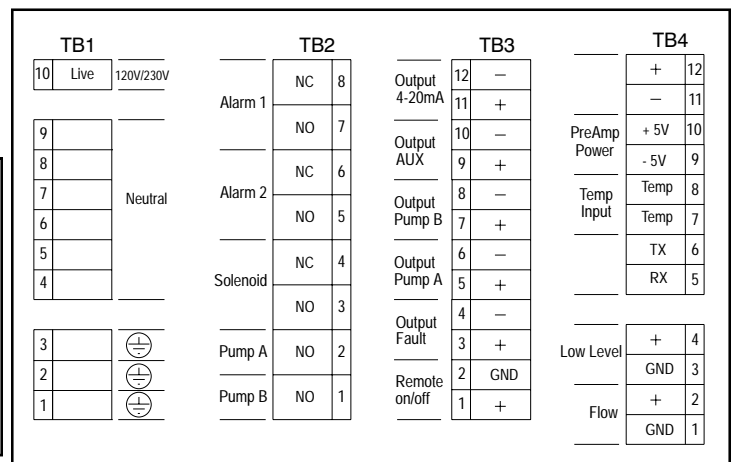
Fig. A

1. Remove the four screws retaining the utility box cover.
2. Install the five wires (orange, blue, black, red and green) from the Cable Assembly through the PG-9 connector on the right side of the controller. Attach the BNC connector from the cable to the BNC connector on the right side of the controller.



3. Connect wires from the Cable Assembly to the controller terminal strip as follows:

Red to	Temp : TB4-8
Black to	Temp : TB4-7
Green to	Terminal Block Ground: TB1- 1 ,2 or 3
Orange to	Pre-Amp Power +5: TB4-10
Blue to	Pre-Amp Power -5: TB4-9



Detail A



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- Route the preamplifier cable to the location of the P/N 33217 preamplifier through conduit, if necessary. Unscrew and remove the preamplifier cover. Pass the cable through the PG-9 connector.
- Using the chart below, connect the wires from the preamplifier cable to the preamplifier.

Note: If the cable must be cut, tin the wires before connecting.

From Temp Comp Cable	Terminal Connection	Color
	Temp. Comp.+	Red
	Temp. Comp. -	Black
	TC GND	Green
	Preamp Power + 5V	Orange
	Preamp Power - 5V	Blue
	Temp. Comp. -	Black
	Temp. Comp. +	Red
	VpH	White
	COM	Brown
	TC GND	Green

Cable from Controller

- Connect the pH/ORP electrode BNC connector to the mating BNC on the preamplifier .

If temperature compensation is to be used, remove the white plastic dowel pin from the PG-7 connector. Run the temperature compensation wires (red, black and green) in through the connector and connect to the three terminals of the electronic module as in the chart above.

Fig. B

