

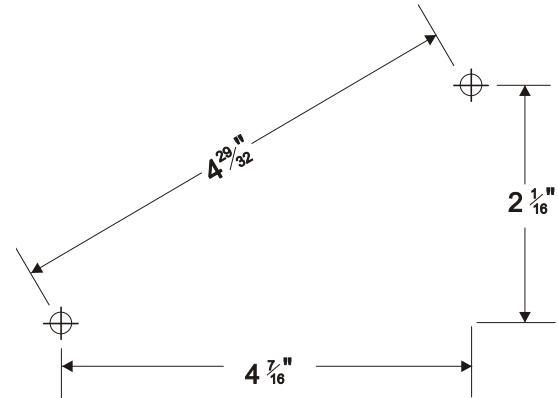
## pH/ORP PREAMPLIFIER INSTALLATION AND WIRING P/N 190783

### ■ MOUNTING

- Two mounting holes are under enclosure cover
- Mount enclosure using two #6 screws (not provided)

### ■ PROPER SHIELDING METHODS

Proper shielding and grounding of the signal wires is critical to obtaining a stable reading. Use only 24 AWG shield twisted pair cable to connect the preamp to the controller.



*If your pH/ORP electrode does not have a solution ground wire*

Or

*If your pH/ORP electrode has a solution ground wire and immersed in a non-grounded solution:*

Connect the shield drain wire to both the TC GND terminal in the preamp and the ground stud inside the enclosure of the controller, as shown below.

*If your pH/ORP electrode has a solution ground wire and immersed in a grounded solution:*

Connect the shield drain wire only to the TC GND terminal in the preamp.

### ■ WIRING TO A WALCHEM CONTROLLER

