

Ground Offset Error Elimination

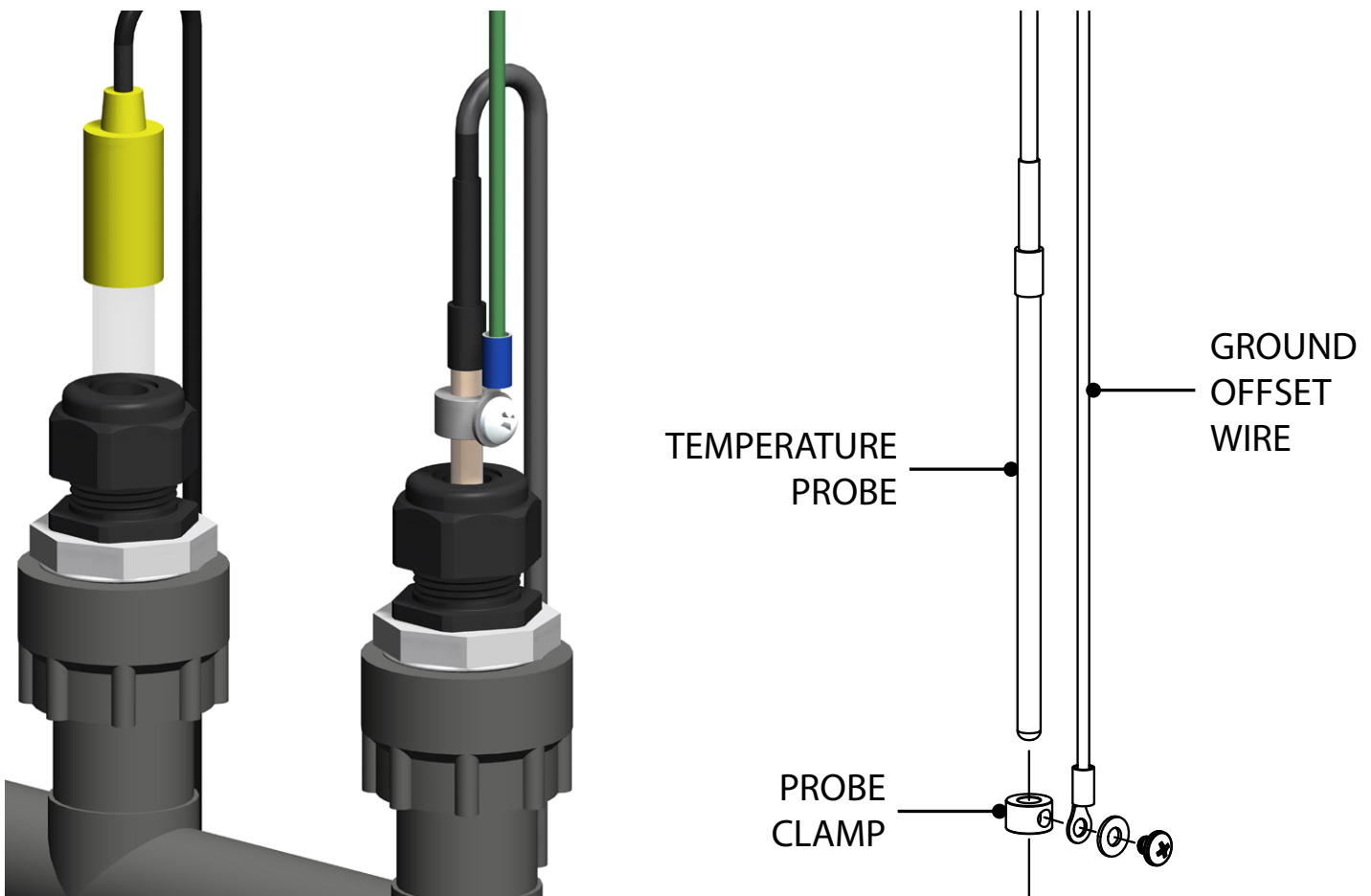
Note:

This application note applies to sensor transmitters with 3-wire temperature sensors. Temperature sensors with 4-wires have a green wire for ground offset and the external wire is not required.

Sensor measurements in water are sensitive to differences in ground potential. If sensor readings are unstable or change readings in the system vs. in an isolated cup, then there may be a ground potential offset. To prevent errors in readings from a ground potential offset, install a ground offset wire as shown below.

Ground offset wire & clamp kits are available from Agrowtek if required.

Connect the ground offset wire from the **"CLR"** terminal to the temperature probe with probe clamp.



Read operation manual before operating equipment.

Complete manuals & videos available at: www.agrowtek.com