

CT-6A DETACHED SENSOR PROBE INSTALLATION

USE WITH CT-2B, CT-2BG AND CF-2C CONTROL UNITS AS PART OF THE *DRIVEGUARD™*, *DRIVEGUARD INTEGRATOR™*, *DRIVEGUARD ULTRA™*, and *PIONEER™*



CT-6A Detached Probe Assembly

The Detached Probe (product CT-6A) is useful for those who want to install the CT-5 direct burial cable before installing the probe. It is also applicable for repairs in the field.

Instructions are as follows:

1. When possible, the Detached Probe should be attached to the wire in a dry, climate-controlled building to prevent moisture in the wire chamber.
2. Remove the cover, packing nut, and packing o-rings. Feed the wire through the packing nut, o-rings and cover in that order.
3. Strip the cable back 1/2 inch. Strip the wires inside the cable 3/8 inch. Solder-tin the bare wires. Wrap the red wire around the terminal marked red. Wrap the black wire around the terminal marked black. Wrap the shield wire around the unmarked terminal. Solder all wires to their respective terminals.
4. Test the sensor coil prior to final assembly. The reading between the red and black terminals should be between 1100 and 1300 ohms. The reading between the red and the shield and between the black and the shield should be open.
5. Put the moisture-absorbing package inside the cover and screw the cover on the probe body. Tighten the cover fully using wrenches on the flats of each end.
6. Carefully push the O-rings into the packing chamber and screw the packing nut into the packing chamber and tighten fully.
7. Re-test the sensor coil (see number 4 above).
8. For burial instructions, follow manual for CT-6 sensor probe.