

Instructions

- **Place cap**, colored tube and heat shrink tube over the wire that will be connected to the reference electrode.
- **Strip ½"** off the end of the wire that will be connected to the reference electrode.
- **Dip** end of stripped wire into flux.
- **Insert** the two pieces of solder into the sleeve.
- **Using** a propane torch, heat sleeve to melt solder while slowly pushing the exposed wire end in.
- **Spray** sleeve with potable water and wipe clean with a clean cloth.
- **Using** a hot glue gun, apply a thin layer of glue, surrounding sleeve.
- **Slide** heat shrink tube over sleeve about ¼" past end where the wire coming out of the electrode enters the sleeve.
- **Using** side to side motion, heat the heat shrink tube. (*Note: heat shrink tube will burn if your motion is too slow*).

At this point, the glue will start to come out the ends of the heat shrink tube.

- **Spray** heat shrink tube with cool, potable water to keep heat shrink tube from moving. Let cool for 3-5 minutes.
- **Fold** wire coming out of electrode in half. Push heat shrink tube down into nipple.
- **Using** ABS/PVC glue, apply thin layer to outside of nipple. Then apply thin layer to inside of colored tube over area that will slide over the nipple.
- **Pour** potting epoxy into colored tube, covering solder connection and leaving ½" space from top of colored tube. Let cure until epoxy hardens.
- **Using** ABS/PVC glue, apply thin layer outside the inner lip of the black cap then apply thin layer to inside of colored tube. Close black cap and colored tube.

