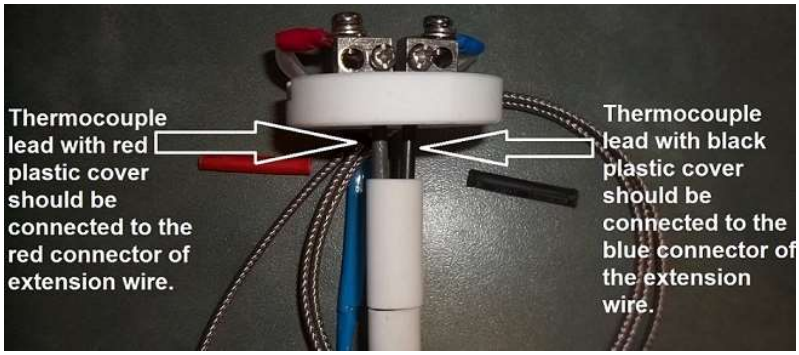
Assembling tips:

1) Make sure that the plastic tubes (red and black tubes) are removed from thermocouple leads before assembling.

2) The extension wire with red connector and the thermocouple lead with red tube (Matt lead) are positive poles and should be connected together and to the positive pole of your controller/thermometer. If any of the connections are reversed then the reading would be off.



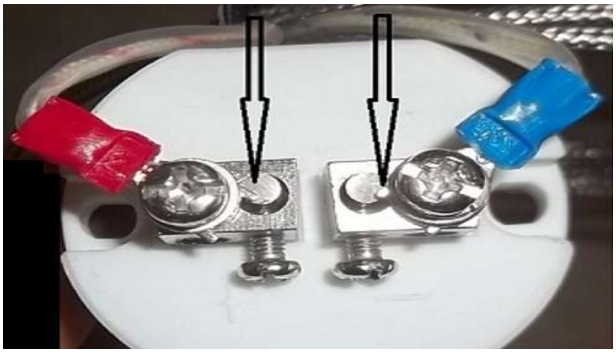
3) The yellow flat pin connector is only needed when the thermocouple should be connected to a thermometer with matching female connector. But for wiring it to the controllers (with screw type terminals) you don't need the yellow flat pin connector and can simply remove it (then you can turn the stripped wires around the screw type terminals of your controller).

4) In order to get the correct reading the following points should be considered:

   a) You need to place the thermocouple exactly where you need to measure the temperature.

   b) At least 2/3rd of the length of the thermocouple has to be placed in the oven/kiln (just one inch is not enough). In order to do that the ceramic terminal has to be completely attached to the outer kiln wall.

   c) A very important point is that the thermocouple leads have to be in contact with the extension wire connectors (please check the following picture).



Ceramic Thermocouple Assembly and Wiring Guide

For current product information, availability, and compatible options, use the verified ThermoMart links below. The preceding pages remain the original wiring guide content.

PRODUCTS USING THIS DOCUMENT

Models: DP-6801, DP-6801-CT

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