

Assembly Instructions Thermocouple

Step 1 Cut Thermocouple to desired length with wire cutters, if cutting remember colour markings.

Step 2 IMPORTANT add ceramic beads before bending wire ends. Ceramic beads if needed to be shorter can be cut with a angle grinder by scoring bead all the way round and snapping into 2 sections.

Step 3 Using a pairs of long nose pliers bend wire as shown in diagram 3 (Be careful not to damage ceramic beads).

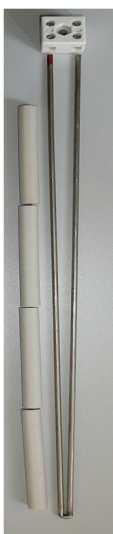
Step 4 Bend as shown in diagram 4 so that the terminal block slides onto the thermocouple wire ends. Tighten screws make sure Red / N on the terminal block lines up with the same red mark on the thermocouple.

Step 5 Connect thermocouple leads from controller / temperature indicator to the terminal block making sure red wire connects to the terminal block marked Red/N connection.

Step 6 To test turn on controller apply heat to the tip of the thermocouple eg. lighter or hot water in a cup to determine if connected correctly. If temperature rises connections are correct, if temperature decreases connections need to be reversed and check again.

Safety procedures are the responsibility of the purchaser take care and wear appropriate safety equipment.

Required Tools



D1



D2



D3



D4



D5



PLIERS



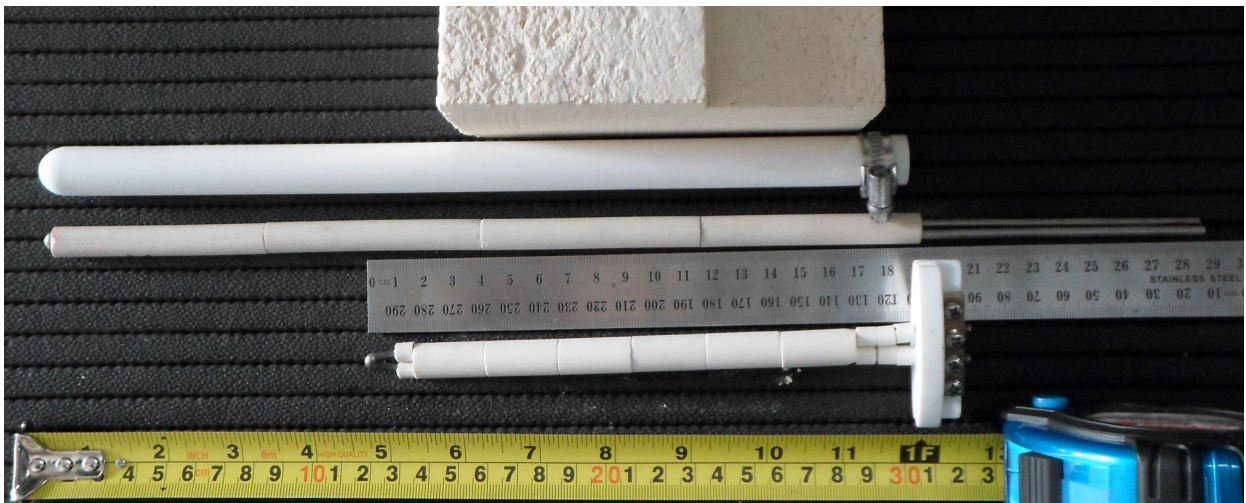
WIRE CUTTERS



SMALL FLAT
BLADE

The thermocouple on a electric kiln requires the metal tip to be at least 5 cm inside the chamber.

On a gas kiln 10 to 15 cm is recommended.



If firing to stoneware a ceramic sheath is required to prolong thermocouple life and stop metal scale from falling off into your kiln. Suggested thermocouple mounting below.

