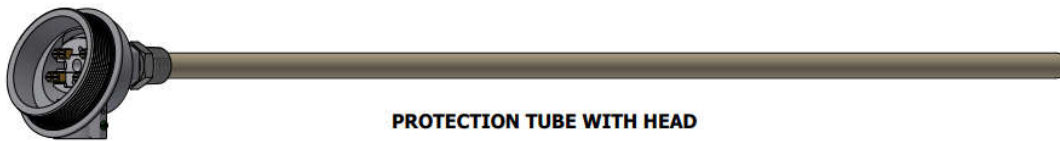


## Ceramic Tube Thermocouple Assembly Instructions

Reotemp has instituted a policy to ship ceramic thermocouple elements unassembled from their corresponding ceramic protection tubes. This change was made to avoid breakage during transportation. Please follow the instructions below to ensure proper installation.

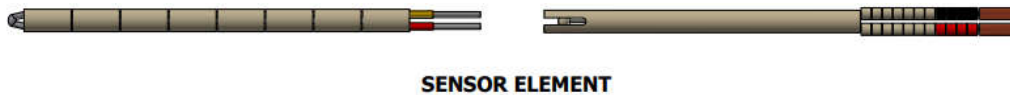
**Tools Required:** Phillips Screwdriver

**Components:** Head, Terminal Block, and Protection Tube:



Note: On some long stem models the protection tube will be uncrewed from the head to avoid breakage. Customer must screw male threads on top of protection tube into the head.

**Ceramic Element (Various Styles):**



### Installation:

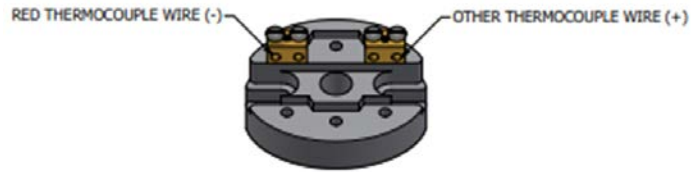
1. Take ceramic element and slide into the center whole of terminal block until the tip makes contact with the bottom of the protection tube

**CAREFULLY INSERT  
SENSOR ELEMENT**

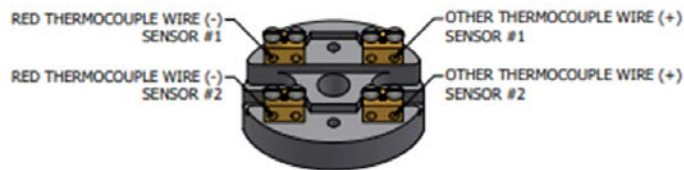


2. Take one of the thermocouple lead wires and insert into the outside screw terminal of the copper terminal as shown. Screw down hand tight. Repeat for second lead wire on the outside screw terminal of the opposite copper terminal. See below.

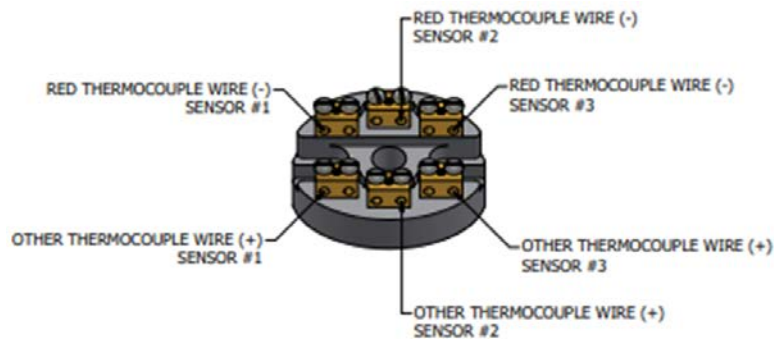
### 24 AWG - 16 AWG MODELS:



#### **SINGLE THERMOCOUPLE 2-POLE TERMINAL BLOCK**



#### **DUAL THERMOCOUPLE 4-POLE TERMINAL BLOCK**



#### **TRIPLE THERMOCOUPLE 6-POLE TERMINAL BLOCK**

3. Thermocouple Extension wire (supplied by customer) is typically run through conduit into the head. The thermocouple extension wires will be connected to the open screw terminals. Ensure polarity is maintained. For duplex or triplex assemblies, ensure wires are not mixed between thermocouples.