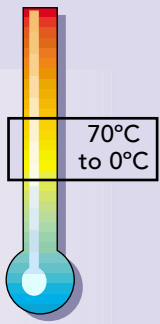


Thermocouple

Multi-junction probes



Isothermal Technology Limited manufacture a wide range of multi-junction thermocouple probes. Probes available contain up to 10 double junctions or 20 single junctions in a variety of thermocouple combinations.

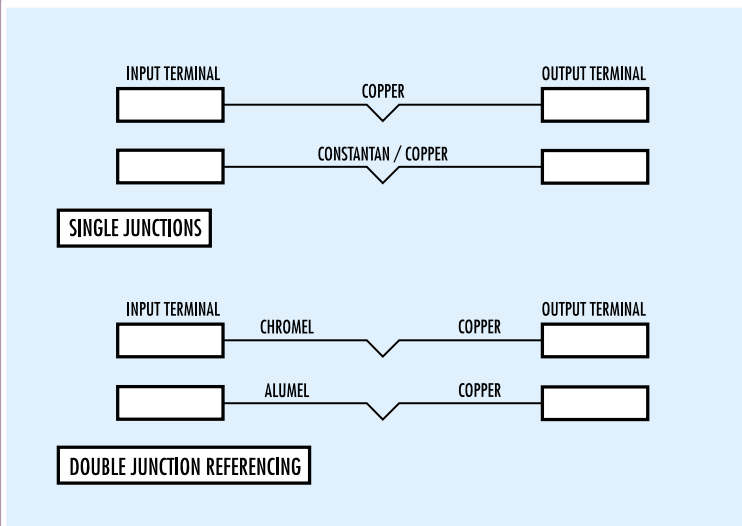
All wire material is to E320 Class 1 (highest grade available) and PTFE covered to Grade A.

Normal lead length is 1 metre, but other lengths are available. Probe diameter is less than 8mm.

Thermocouple probes or looms are available for Zeref's, and our other models of thermocouple compensation units. Two wire connections can be provided as below.

Thermocouple wires are clearly numbered and colour coded, according to B.S. 1843.

Output wires are colour coded Pink for +ve and White for -ve.



*Looms for our Compensation Units
Saves On-site Wiring
Maintains Accuracy of Unit*



STANDARD COMBINATIONS AVAILABLE

Code Single Junction Probes

- K Nickel Chromium vs Nickel Aluminium
- E Nickel Chromium vs Copper Nickel (Constantan)
- J Iron vs Constantan
- T Copper vs Constantan
- N Nicrosil vs Nisil
- U Copper vs Cupronic
- S Platinum vs Platinum 10% Rhodium
- R Platinum vs Platinum 13% Rhodium

Code Double Junction Combinations examples

- K Nickel Chromium vs Copper
- K Nickel Aluminium vs Copper
- J Iron vs Copper
- J Constantan vs Copper
- U Cupronic vs Copper
- S/R Platinum vs Copper
- S Platinum 10% Rhodium vs Copper
- R Platinum 13% Rhodium vs Copper

("U" is a substitute metal alloy combination for Pt/Pt Rh types in the range 0 to 50°C).

Other materials are available on request.

How to order

Model 880 Cold Junction Probes are normally specified for each order. Please discuss your exact requirements with us before ordering.