

Secondary Thermocouples

Wide Temperature Range

Thermocouple offer a wide temperature range from 0°C to 1200°C

Accuracy

0.4% of reading at 1.1°C of temperature, whichever is higher

Calibration

It is recommended to calibrate this Thermocouple annually over the full temperature range.

Secondary Thermocouple

Reference sensors for laboratory use



K type and N type Thermocouple is mainly use in Industries as a secondary master sensor. It works together with readout device to measure Temperature or change of temperature.

It has wide applications for dry-wells or temperature baths.

Ordering Code

Model	Dia*	Length*	Extension cable length*
TTC(X)	(X.X) mm	(XXX) mm	(XX) Mtr.
K N	6.0	400	1.5

Example : TTCS-6.0-400-1.5

* Can be provided as per customer requirement

Specifications

Make	Tempsens	
No. of Element	Simplex	
Temperature Range	0 to 1200 °C	
Sheath Material	Inconel 600	
Sheath length	400 mm	
Extension Cable	1.5 mtr. Long Teflon insulated cable with male/female miniature connector	
Sheath Dia	06 mm	
Handle Dimension	15 mm (OD) X 100 mm(L)	
Calibration	at 5 points at Tempsens NABL Accredited Lab	
Accuracy	Special Class (0.6 °C or 0.1 % of temperature whichever is greater)	
Model	TTCK	TTCN
Type	CR/AL K Type	NI-CR-SI/N Type