

## >> Temperature Sensors <<

**Types of Thermocouples :** 'K' (Chromel - Alumel) , 'J' (Iron-Constantan), 'T' (Copper-Constantan), 'E' (Chromel-Constantan), 'R' (Pt-Pt-13%-Rh) ; 'S' (Pt-p 10%-Rh), 'B' (Pt-13%-Rh-Pt-6%-Rh) in Simplex, Duplex and Triplex.

**Types of Resistance Temperature Detectors :** Pt-50, Pt-100, Pt 500, Pt-1000, NI-100, Cu-2000 in Simplex, Duplex and Triplex.

**Types of Insulations :** Ceramic Insulation and Mineral Insulation.

**Types of Junctions :** Grounded, Ungrounded (Isolated),

**Types of Sheaths :** Mild Steel, SS-304, SS-316, SS-310, SS-446, Inconel -600, Inconel - 800, Titanium, Cast- Iron, Nickel, Ceramic (610), Recrystallised Alumina (KER-710), etc.

**Shapes & Sizes :** As per your requirement or application.

**Mounting Accessories :** Thermocouple and RTD connectors, BSP / NPT / UNF/ Metric threaded Male Female adjustable ferrule fitting in Mild Steel/ Stainless Steel-304/316/Brass etc. All type of flanges available as per standard table and as per your requirement or application considering pressure in Mild Steel, Carbon Steel, Stainless-304/316.



Selection of Thermocouple Type as per temperature

Temp.range in C	Type of Thermocouple	Resolution in C
-40 to 760	'J' (Iron-Constantan)	1
- 40 to 1260	'K' (Chromel-Alumel)	1
- 184 to 371	'T' (Copper-Constantan)	1
- 50 to 1741	'R' ( Pt-Pt-13%-Rh)	1
- 50 to 1767	'S' ( Pt-Pt-13%-Rh)	1
- 200 to 550	( 100 ohms RTD Pt-100 Bulb)	1