

## RTD Sensors



### Description:

We are also involved in the supply of high temperature Thermocouple & RTD Sensors for accurate measurement of temperature in extreme working conditions and environments. Forged utilising the best grades of raw materials, these can withstand extreme work environment and pressure.

We offer these Thermocouples in two types:

**High Temperature Thermocouple:** Following is the detailed description of various devices offered under this category:

- R' (Pt. Rh. 13% - Pt.) & Type 'S' (Pt. Rh. 10% - Pt.), which are capable of measuring temperature upto 1400°C/1600°C (maximum)
- We also offer Type 'B' (Pt. Rh 6% - Pt. Rh 30% or Pt. 18) for measuring temperature upto 1800°C max
- Ceramic protection tube Type KER 610 - with 60%, 80%, Al<sub>2</sub>O<sub>3</sub>. Type KER 710 - recrystallized - high alumina tube with 99.9% Al<sub>2</sub>O<sub>3</sub> available in 24mm, 20mm, 15mm, 12mm, 10mm, 8mm, 6mm dia.
- Holding tubes that are used to hold ceramic sheath with head, are fabricated from SS 304/SS 316 and are offered in the diameter of 32 mm, 25 mm, 20 mm dia.

**Low Temperature Thermocouple & RTDs:** Following is the detailed description of various devices offered under this category:

- Thermocouple type 'K' (cromel alumel or Cr.Al or Ni.cr-Ni) that are capable of accurately measuring temperature upto 1000°C /1200°C (maximum)
- Resistance Temperature Detector (RTD) type (PT-10, PT-50, PT-100, PT-200, PT-1000 & CU-53) to measure temperature from -400°C to 600°C
- All sensors available in metallic protection sheath & Thermowell made of SS 304, SS 316, SS310, HRS 446, inconel 600/800 with insulation by ceramic beads, hand-filled mgo & MI