

MASTER THERMOCOUPLE

Master Thermocouple Model : MTC



Introduction

These are Master Thermocouple without Cold Junction. This range is based on popular Standard Thermocouple range, Sensitivity & Length.

MTC are highly accurate and stable Thermocouple with minimum uncertainties. It offer wide temperature range which is ideal for all industrial applications. The size, length and Thermocouple Material are such that give the best and most stable results.

Features

- Temperature range up to 1200 & 1500 °C
- 6mm O.D & available different Dimensions
- Outer Sheath SS 316 / Inconel / High Alumina Tube
- High Accuracy & Stability
- Manufactured & Tested under strict quality control standards
- Cycled to Stability
- Fast Response
- Low Drift

Applications

- Energy - Production and Energy -Distribution Sectors
- Chemical and Petrochemical Industry
- Glass Industry
- Steel Industry
- Forging and etc.,

Specifications

Type	N / K	R / S
Material	NiCrSi-NiSi /NiCr-NiAl	Pt-13RhPt /Pt-10RhPt
Temperature Range	upto 1200°C	upto 1500°C
Sensitivity	39 - 41 $\mu\text{V} / ^\circ\text{C}$	6 - 12 $\mu\text{V} / ^\circ\text{C}$
Accuracy	$\pm 1.1 ^\circ\text{C}$ or $\pm 0.4\%$	$\pm 0.6 ^\circ\text{C}$ or $\pm 0.1\%$
Sheath Diameter	6mm	
Sheath Length	300mm, 450mm,600mm	
Cable Length	1000mm or as Required	
Outer Sheath	Inconel	Ceramic
End Connection	Flying Lead	

Note: Due to continuous product improvements, Published specifications may change with out notice

SANSEL INSTRUMENTS AND CONTROLS SANSEL CALIBRATION LABORATORIES

NABL Accredited Calibration Lab (Thermal, Mechanical, Electro-Technical Parameters)

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