

Thermocouples



Thermocouples Sensors

Product Description

Thermocouple are basically a sensing device used to measure the temperature of a particular material to be heated, these could be used either by inserting into the raw material or by measuring it at the closest proximity to the product to be heated.

Almost all kind of material can be tested using an appropriate thermocouple, may it be Liquids, Solids, Gases, etc.

There are various forms or types of thermocouples that can be manufactured as per the needs, a few basic application and their designs are attached herewith below.










Features

- ▶ J type / Fe-Con
- ▶ K type / Cr-Al
- ▶ PT-100
- ▶ RTD Type
- ▶ MI Thermocouples
- ▶ Fixed Bayonets
- ▶ Adjustable Bayonets
- ▶ Bolt and Washers, Skin Type, screw-in
- ▶ Push-in
- ▶ Melt Bolt

Application

- ▶ Barrels
- ▶ Nozzles
- ▶ Dies, Manifolds and Packing
- ▶ Hot Runners
- ▶ Hot Melt, Heat Tracers
- ▶ Scanners/Humidity Chambers
- ▶ Medical/Food/Pharma
- ▶ HVAC/Lab/Chemicals/Gas
- ▶ Furnaces, Ovens, Jewelry
- ▶ Textiles, Rubber machines, Dying Plants
- ▶ Hand Held Sensors (Portable Probes)
- ▶ Surface Measurement

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	PRODUCT PICTURES	PRODUCT NAME	TEMPERATURE RANGE	INSULATION
1		Bolt Type Straight	-20°C to 400°C	Fibre Glass with S.S. Branding
2		Bolt Type 'L'	-20°C to 400°C	Fibre Glass with S.S. Branding
3		Bayonet (Holder) Movable on the Spring Type Flexible Thermocouple	-20°C to 400°C	Fibre Glass with S.S. Branding
4		Clamp Type	-20°C to 400°C	Fibre Glass with S.S. Branding
5		Fully Tip Adjustable Type	-20°C to 400°C	Fibre Glass with S.S. Branding
6		Hex Pencil Bush	-20°C to 400°C	Fibre Glass with S.S. Branding
7		'L' Spring Loaded Type	-20°C to 400°C	Fibre Glass with S.S. Branding
8		'L' Rotating Spring Type	-20°C to 400°C	Fibre Glass with S.S. Branding
9		'LRB' Spring Loaded Type	-20°C to 400°C	Fibre Glass with S.S. Branding

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10		'LBF' Spring Loaded Type	-20°C to 400°C	Fibre Glass with S.S. Branding
12		Straight Rotating Spring Type	-20°C to 400°C	Fibre Glass with S.S. Branding
13		Straight Spring Loaded Type	-20°C to 400°C	Fibre Glass with S.S. Branding
14		Thermocouple Sensor with Fix Bolt Type	-20°C to 400°C	Fibre Glass with S.S. Branding
15		Thermocouple Sensor with Fix Bolt Type	-20°C to 400°C	Fibre Glass with S.S. Branding
16		Washer Thermocouple (Type 2 with pipe & spring)	-20°C to 400°C	Fibre Glass with S.S. Branding