



SUNBRIGHT INDUSTRIES

THERMOCOUPLE



OVERVIEW

Thermocouples & RTDs are used in a variety of applications. Thermocouples are the temperature sensor of choice primarily in plastics extrusion, injection molding, thermoforming, blow molding and blown film applications. The thermocouples favorable characteristics include good inherent accuracy, suitability over a broad temperature range, relatively fast thermal response, ruggedness, high reliability, low cost and great versatility of application.

Resistance Temperature Detectors (RTDs) are commonly used in applications where accuracy and repeatability are important. Platinum RTDs have very repeatable resistance vs. temperature characteristics over time. RTDs are more expensive than thermocouples and are not suitable in high vibration and mechanical shock environments. At higher temperature conditions RTDs are more stable than thermocouples.



FOR ENQUIRY

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TECHNICAL SPECIFICATION

| | |
|---------------------|---------------------|
| Common Sensor Types | K, J, N, T, E |
| Temperature Range | 200 - 1400 |
| Available Size | 6.0mm to 26.7mm |
| Available Heads | Bulk, Small |
| Version | Simplex, Duplex |
| Materials used | SS, titanium 800 oC |

FEATURES

- ✓ Superior quality raw material
- ✓ High accuracy rate
- ✓ Reliable
- ✓ Excellent performance
- ✓ This is not affected by mains voltage fluctuations or airflow.
- ✓ Available in Premium, Economy & Power Saving Options.



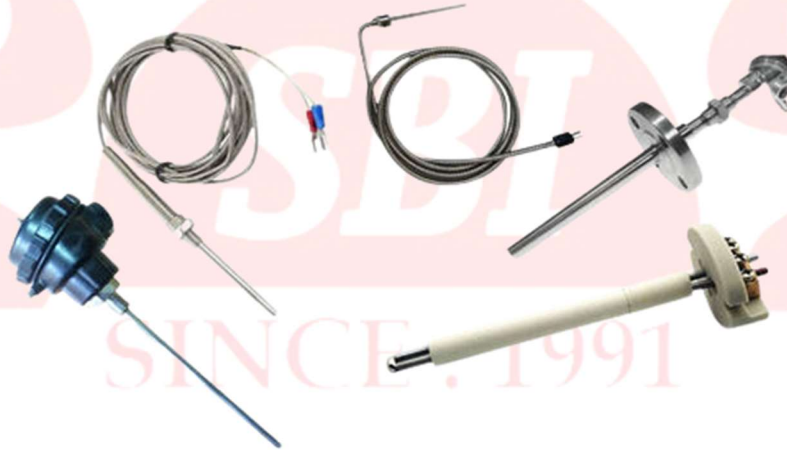
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APPLICATIONS

- ✓ Process Air Heating
- ✓ Plastic Processing
- ✓ Hot Runner Systems
- ✓ Plastic Processing Machinery.
- ✓ Film Blowing
- ✓ Packaging
- ✓ Medical
- ✓ Autoclaves
- ✓ Incubators
- ✓ Patient Warming Systems
- ✓ Food Processing
- ✓ Natural Gas
- ✓ As part of any Process Heat Control Systems



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