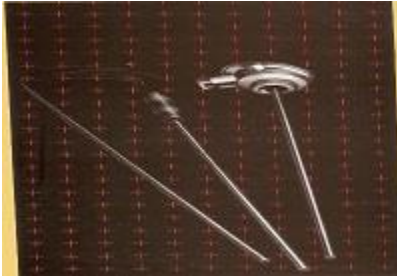


Thermocouple And Sensors



Thermocouple And Sensors

A thermocouple is fundamentally a pair of electrical conductors of dissimilar metals so joined as to produce a thermal emf when the junctions are held at different temperatures. The two junctions are termed as 'Hot' and 'Cold' junction. The cold junction is terminated on the temperature measuring instrument. There are various types of thermocouples. The most commonly used along with its range are given below.

Ordering Information If you are in any doubt as to the type of cable or element needed - ask for our advice. We will be pleased to help. Give us a call.

Please Note: Our Accessory range is always under review. Should you have any special requirements, contact us for advice.

How to Order:

- Application
- Temperature Reqd
- Type of Element
- Size of Element
- Conduit Entry
- Process Connection

Element	Type	Range
Copper/Constantan	(Simplex/Duplex) 'T'	100°C - 400°C
Iron/Constantan	(Simplex/Duplex) 'J'	100°C - 800°C
Chromel/Alumel	(Simplex/Duplex) 'K'	100°C - 1100°C
Platinum-13% Rhodium / Platinum	(Simplex/Duplex) 'R'	200°C - 1600°C

The platinum resistance thermometers known as RTD operates on the principal of change in electrical resistance of platinum wire as function of temperature and it normally operates between the range of -200°C to + 500°C. Ordering Information If you are in any doubt as to the type of cable or element needed - ask for our advice. We will be pleased to help. Give us a call. Please Note: Our Accessory range is always under review. Should you have any special requirements, contact us for advice. How to Order:

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