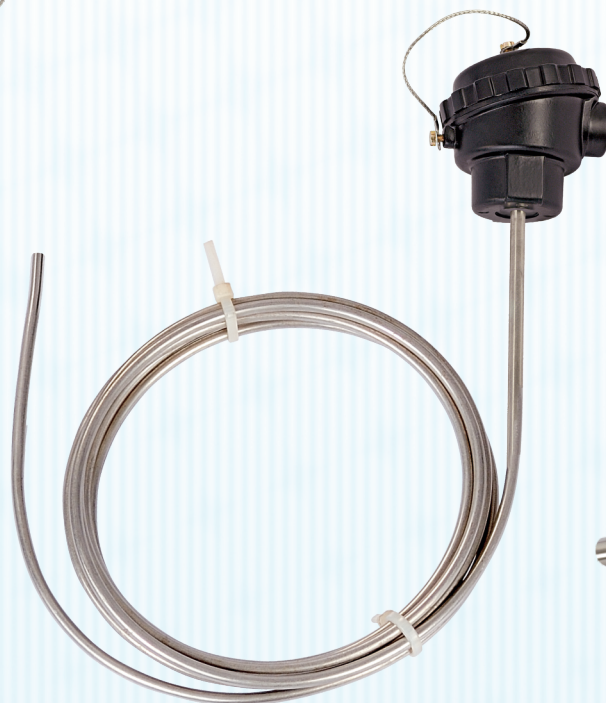


Thermocouple

“POINTER” Thermocouples are suitable for fluid and gaseous media under moderate mechanical load and normal chemical traces. Thermocouple are temperature sensors which directly supply a voltage dependent on temperature due to their thermoelectric properties.



Rigid Stem
Type Thermocouple



Mineral Insulated Type Thermocouple



“L” Shape Type Thermocouple

CONSTRUCTION FEATURES

Enclosure	: Die Cast Aluminum
Protection	: IP, Flameproof Grade IIA, IIB & IIC
Sensor Element	: J, K, E, T, N (Simplex or Duplex)
	: J (Fe-CuNi)- 800° C
	: K (Nicr - Ni)- 1200° C
	: E (Nicr - CuNi)- 800° C
	: T (Cu - CuNi) - 400° C
	: N (NiCrSi-NiSi)- 1200° C
Cold End	: Terminated in to ceramic terminal block
Stem Material	: SS 316 / SS 304, Inconel, Monel, Haystallo
Stem Dia.	: 6mm, 8mm, 10mm & 12mm
Stem Length	: 300mm Standard
Hot Junction	: Ungrounded unless specified
Configuration	: 2 wire, 3 wire & 4 wire
Connection	: 1/4", 3/8", 1/2" BSP / NPT Adjustable.
Range	: 0°C to 1200°C

OPTIONAL FEATURES

- Head mounted transmitter can be mounted
- ‘L’ Shape or any other shape available on request.

APPLICATION

Machinery, Plant & Tank, Construction, energy & power plant, chemical industries, Sanitary, heating & air conditioning.

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