

Industrial Thermocouples & RTD's

Application

Magnesium Oxide Insulated Thermocouples, commonly referred to as MgO or MI Thermocouples, are used in many process and laboratory applications. They have many desirable characteristics making thermocouples a good choice for general and special purpose applications.

The sensors can be used on:-

- * Heat Exchangers
- * Power and recovery areas
- * Furnaces, dryers, flue gas
- * Compressor stations
- * Process reactors
- * Metallurgical and glass manufacturing
- * Extruders

Thermocouples are available in Type J, K, R, S, T, B, E, N, W3(D), W5(C)



Output Signal

Generally the measured value can be transmitted in one of two ways:-

- * Direct-wired-sensors – Sensor measured values measured directly
- * Transmitter wired sensors

Head Mount Transmitters

Thermocouples and RTD's are available with Head Mount Transmitters. Transmitters are available with enhanced accuracy and reliability compared to directly wired sensors.

Easy customizing by choosing one of the following outputs and communication protocols:-

- * Analog output 4-20mA
- * HART



Thermocouples or RTD's with Connection Heads Thermocouple or Pt100 with M12 Connector



Thermocouples or RTD's With Din Plug



Thermocouple's or RTD's with Radio Transmitter



Thermocouples or RTD's with Ceramic Sheath



Magnet Thermocouples or RTD's



Screw In Thermocouples or RTD's



Spring Loaded Thermocouples or RTD's



Thermocouple or RTD's with Plug



Surface Mount Thermocouples or RTD's



Molybdenum & Tantalum Sheath



Hand Held Thermocouples or RTD's

