

Sheath Thermocouple, Code- MTE

The thermocouple is normally directly connected to a standard temperature controller. Thermocouples are among the easiest temperature sensors used in science and industry and very cost effective. Most of the thermocouples are custom made with lead times of 24hrs if needed. Temperature Measurements between -220 and +1150°C in liquid or gaseous media. Because of their special interior design with magnesium oxide, thermocouple elements can be used for applications with high pressure and vibrations while guaranteeing a long life span. Sheath Thermocouples are bendable and have a fast response time. The MTEs are installed with the help of screw clamps

General Attributes

- Thermocouple : NiCr-Ni Type K pursuant to DIN IEC 584 - isolated
- Diameter : 1 mm, 1,5 mm, 3 mm and 6 mm
- Material : Inconel - 2.4816
- Connective sleeve : 8 x 40 mm, diameter 6 mm / all others 5 x 35 mm
- supply cord : Glass fibre with VA coating 2 x 0.22 mm²
- Length of supply cord : 2,000 mm (standard), further lengths available on demand
- Terminal connection : 50 mm freie Enden mit Core-end sleeves
- Protection class : IP65
- Max. operating temp. MTE : -220 °C ... +1150 °C
- Max. Operating temp. cable : -50 °



Application Notes

Temperature Measurement
 Steel industry, Gas appliance safety
 For different industries like plastic, pharmaceutical, food
 Thermocouple are used for measuring the intensity of incident radiation,
 Testing of prototype electrical and mechanical apparatus.
 Thermocouple embedded in Dalton cartridge heat

For further information please visit : <https://goo.gl/u63Snv>

