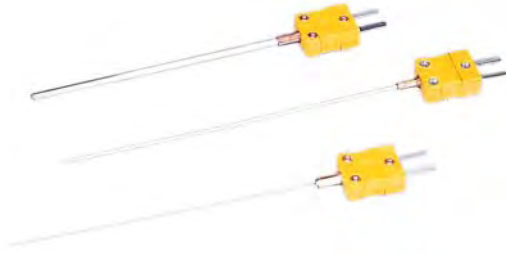


Product Information

**Sheathed Thermocouple
GTT**



- NiCr-Ni thermocouple (type K)
- With thermovoltage-free miniature flat-pin plug

Characteristics

The GTT is a NiCr-Ni (type K) sheathed thermocouple for temperature measurement. Its compact design allows application at measuring points with difficult access.

The thermocouple consists of two electric lines made of different materials (NiCr and Ni). The measuring principle of temperature measurement with thermocouples is based on the existence of thermovoltage when two wires made of different materials are connected.

The probe is delivered with ready-to-use, thermovoltage-free miniature flat-pin plug NST1200. Measuring errors due to different materials are prevented by the thermovoltage-free miniature flat-pin plug. Additionally the DIN plug can be connected to a lot of different handheld measuring devices.

Technical data

- Sensor element : NiCr-Ni (type K)
- Measuring range : -200..+1150 °C
- Accuracy : class 1
- Sheath material : Inconel 600, bendable
- Isolation : highly compressed pure MgO
- Thermocouple : wires made of NiCr-Ni, DIN IEC 584, isolated, welded (potential-free)
- Connection : miniature flat-pin plug NST1200

Dimensions



Ordering code

GTT - 1. - 2.

1. Probe diameter D		
D05	0.5 mm	up to max. 600 °C
D10	1.0 mm	up to max. 600 °C
D15	1.5 mm	up to max. 600 °C
D30	3.0 mm	
D60	6.0 mm	
2. Fitting length EL (±10mm)		
0150	150 mm	
0250	250 mm	
0500	500 mm	
1000	1000 mm	
1500	1500 mm	