

Straight Thermocouples

in a testable design



HERTH

elektrische Temperaturreger GmbH



Further constructions

- client-specific solutions, e.g. with a test tube protruding from the protection tube

Applications

In correspondence with DIN ISO 9000 ff
Indication of divergence against a reference sensor during operation, e.g. in combination with our digital thermometer DST-K5 and hand held probe, on request calibrated

- heat treatment furnaces
- forges
- hardening baths
- furnace construction

Variants

Type

- NiCr-Ni (K)
- NiCrSi-NiSi (N)
- PtRh-Pt (S, R, B)
 - single or double

Light metal connecting head

- with bolted cover or quick-locking cover
- with high cap for mounting measuring transmitters

Metal protection tubes

up to approx. 1200°C

- Ø 15 mm
- Ø 22 mm
 - from material number 1.4762 or 1.4841
 - other materials available

Ceramic protection tubes

up to approx. 1.800°C, at precious metal thermocouples:

- type 610
- type 710

Supporting tubes from steel or heat-resistant steel

- Ø 22 mm
- Ø 32 mm

For mounting

the thermocouples we offer

- adjustable flanges
- mating flanges
- compression fittings with various threads