

Sheathed Thermocouples

acc. to DIN EN 61515



HERTH

elektrische Temperaturregeber GmbH



Variants

Numbers of thermocouples

- 1
- 2
- 3

Sheath diameters

- 0,25 mm up to 9,52 mm

Sheath materials

- stainless steel
 - 1.4541
 - 1.4571
 - 1.4550
- Inconel 600
- heat resisting steel 1.4841
- precious metal Pt10%Rh
- available with insulated hot junction or hot junction welded in the sheath material
- probe and cable length as required

Operating temperatures

up to 1600° C, depending on the type

- NiCr-Ni (K)
- Fe-CuNi (L) or (J)
- Cu-CuNi (U) or (T)
- NiCrSi-NiSi (N)
- PtRh-Pt (S)
- acc. to EN 60584-2

Types with

- stripped ends
- round connectors
- mini or standard sized connectors
- compensating cable and connector
- welding pads for surface measurement

For mounting

the thermocouples we offer

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

Further constructions

- high-temperature thermocouples up to 2200° C with sheath made of
 - Tantalum
 - Molybdenum
- with thermocouples made of
 - Tungsten-Rhenium
 - Pt30%Rh-Pt6%Rh
- graduated multi-hot junction thermocouples
- other sheath materials
- according to other specifications
- other tolerance classes
- client-specific solutions

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