

# Straight Thermocouples

acc. to DIN 43733



# HERTH

elektrische Temperaturregeber GmbH



## Variants

- Fe-CuNi (L) or (J)
- NiCr-Ni (K)
- Pt10%Rh-Pt (S)
- Pt13%Rh-Pt (R)
- Pt30%Rh-Pt6%Rh (B)

## Connection heads from

- light metal
- plastics
- cast iron
- with screwed or hinged lid
- with lid for measuring transmitters

## Metal protection tube

up to approx. 1200°C, depending on the material

- Ø 15 mm
- Ø 22 mm
- Ø 26 mm
- 1.4762
- 1.4841
- 1.4749
- steel enamelled
- optionally with or without inner tube from ceramics

## Supporting tubes from steel

- Ø 15 mm
- Ø 22 mm
- Ø 32 mm

## Ceramics protection tubes

up to approx. 1800°C, gastight or porous  
(depending on ceramics type)

- type 530
- type 610
- type 710
- optionally with or without inner tube from ceramics

## Further constructions

- protection tubes from Kanthal, Inconel or HER
- thermocouple NiCrSi-NiSi (N)
- different protection tube diameters
- different nominal lengths
- client-specific solutions
- equipped with in-head-transmitter
- testable type acc. to datasheet DB\_006\_S1v1engl

## Nominal lengths

(measured from bottom to lower edge of connection head) acc. to DIN between 180 mm and 2000 mm

## For mounting

the thermocouples we offer

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

DB\_004\_S1v1engl