

THERMOCOUPLES up to 1500 °C



- Temperature measurement up to 1500 °C
- The production is based on the following DIN-standards:
43710, 43 720, 43 724, 43 729, 43 732, 43733, 43 734

Thermocouples for temperature measurement, especially at higher temperatures, e.g. in flue gases, in salt- and metal smelting, in annealing, tempering and hardening furnaces, etc.

TECHNICAL SPECIFICATIONS:

Operating mode: Measuring mode
 Measuring medium: Temperature
 Sensor: see below
 Measuring unit: °C
 Measuring range: -70 °C - +1500 °C

PHYSICALLY:

Protective tube: Ceramic type 530, 26 mm ø
 Inside: Gas-tight ceramic type 610
 Retaining tube: 32 mm ø, 300 mm long
 Connection head: Light metal A32

CONFORMITY:

EMC: EN 61000-6-2, EN 61000-6-3, CE-mark
 RoHS: according RoHS-directive 2011/65/EU

	Item no.
Straight thermocouple with a sliding stop flange for PtRh-Pt thermocouple (fitting)	
Type S, max. temperature 1500 °C	
PtK5, Nominal length 500 mm	6150
PtK6, Nominal length 710 mm	6151
PtK7, Nominal length 1000 mm	6152
PtK8, Nominal length 1400 mm	6153
Second thermocouple PtRh-Pt, Typ S	
Nominal length 500 mm	61050
Nominal length 710 mm	61051
Nominal length 1000 mm	61052
Nominal length 1400 mm	61053

ACCESSORIES

..... m bonding conductor for dry areas with chemically pure atmosphere, stranded wire 1.5 mm², with temperature- and humidity-resistant fibreglass insulation, braid with a tracer, dimensions 5 x 7.2 mm, weight approx. 64 g / m

FeA3 iron-constantan , colour blue, 0.410 Ω / m	61060
NiA3 Nickel-chromium-nickel , colour green, 0.420 Ω / m	61061
PtA3 Platinum rhodium-platinum , colour white, 0.064 Ω / m	61062

..... m bonding conductor for dry areas with harsh operating conditions, stranded wire 1.5 mm², with temperature- and humidity-resistant fibreglass insulation, braid with a tracer, dimensions 5 x 7.2 mm, also braided with galvanized steel wire, weight approx. 87 g / m

FeA3 iron-constantan , colour blue, 0.410 Ω / m	61070
NiA3 nickel chromium-nickel , colour green, 0.420 Ω / m	61071
PtA3 platinrhodium-platin , characteristic colour white, 0,064 Ω/m	61072