

PAUL-GOTHE-GmbH Bochum

Wittener Straße 82
D-44789 Bochum



Manual for metal sheathed thermocouples type K with high temperature thermocouple plug and high temperature compensation cable

Thermocouple

Can used from -270 °C to +1200 °C.

Sheath material: Inconel 600. Type K (NiCr - Ni).

Permitted deviation acc to class 1 DIN EN 60 584-2: 1,5 °C or 0,004 * (t) °C.

((t) = Numeric value of temperature in °C without algebraic signs)

Response time of thermocouples (Air 2 m/s): Sheath diameter 3 mm: 80 Seconds

Plug

With hard-wired thermocouple plug miniature: red-brown, range of application: up to 425 °C

Miniature plug



Kapton insulated compensation cable 1 x NiCr-Ni (type K)

Stranded conductors: 2 x 0,25 mm²

Limit deviation DIN EN 60584-2, Kl. 1

Temperature: -269°C ... +400°C

Insulation structure: positive cable without insulation; negative cable kapton insulated; together Kapton insulated.

Kinks must be avoided during installation.