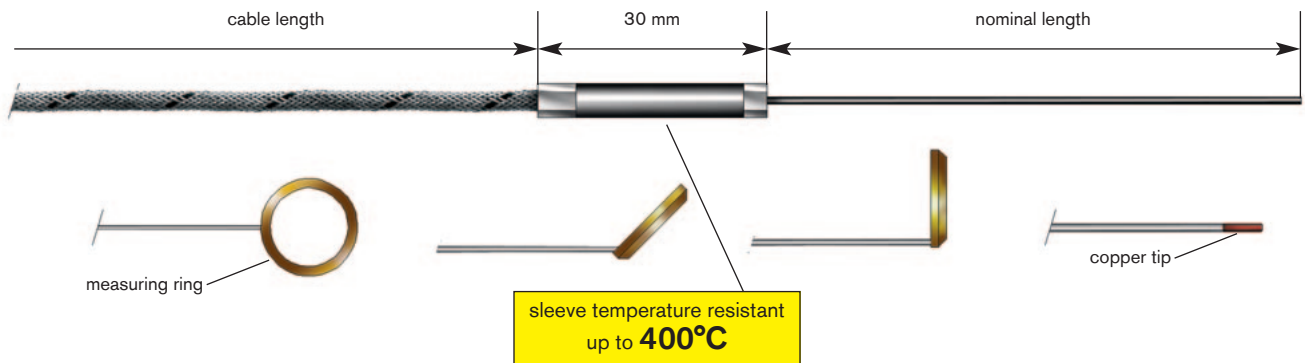


THERMOCOUPLES

HOT RUNNER MINERAL INSULATED THERMOCOUPLE T219



■ The high temperature resistance of the connection sleeve is highly suitable for the application in hot runner technique. Three standard construction types of the measuring tip are available. The sensor type can be obtained with copper tip, measuring ring or without fix accessories. Without fix accessories the mineral insulated thermocouple is suitable for the placing into a groove considering the diameter. After being deformed, the copper tip is suitable to be cramped under a pipe clamp. Types with measuring ring are especially suitable to be mounted in the hot runner nozzle. The measuring rings are manufactured with a special inner diameter adapted to the nozzle diameter, so that an optimal temperature collection is guaranteed due to the achieved positive locking.



The inner and outer-Ø as well as the angle to the mineral insulated thermocouple can be chosen on request.

Also available in type K, T or L* and classes 1 or 2.

* type L acc. to DIN 43710

Thermocouple - class 2:

- 1 x type J
- 1 x type K
- other thermocouples: _____

Measuring point:

- form A, insulated
- form B, grounded

Material:

- 1.4541
- 2.4816

Nominal length: _____ mm

Diameter:

- Ø 0,5 mm
- Ø 0,64 mm
- Ø 1,0 mm
- Ø 1,5 mm

Temperature resistance of the sleeve:

- +200 °C
- +300 °C
- +400 °C

Optional with ring or copper tip:

- dimension: _____

Type:

- with kink protection
- without kink protection

Connection cable:

(see also survey of connecting cables for thermocouples)

- extension cable strand/fiber glass/fiber glass/
stainless steel wire armouring +400°C
- extension cable strand/PFA/fiber glass/
stainless steel wire armouring +250°C
- extension cable strand/fiber glass/
fiber glass/Pi-foil +300°C
- _____

Cable length: _____ m

Connection ends:

- miniature thermoplug
- standard plug
- clips
- bare ends
- miniature socket
- Lemo plug type _____
- Lemo socket type _____
- other cable ends _____



The above mentioned technical data are standard data.