

Miniature Connectors made of thermocouple material

Advantages

Incorrect measurements due to ambient temperature fluctuations are avoided as all contacts are made of thermocouple material. This means that no new thermocouples can form at the connection points.

Scope of Application

- Particularly suitable in tight spaces, example in mold making. The connection can be placed directly in the channel..
- Temperature Range from - 20°C to +240°C
- Ideal connection are stranded conductors made of thermocouple or compensation material
- Cross Section from 0,14 to 0,5 mm or with Wire Ø 0,5 to 0,8 mm
Fast installation thanks to crimpable design. Special precision crimping tool available from us

Casing

- Version with peek-fitting for max. + 240 ° C, two-piece, screwed with fine thread M3.5 x 0.35 mm, dimension in assembled condition Ø 4.5 x 29 mm long (per single conductor). In tight spaces, the connection can be mounted offset
- Version with Kynar shrink tubing for max. + 160 ° C. Very economical variant. To loosen the connection, the assembled shrink tube must first be softened with a hot air blower before it can be pulled off. Dimensions when assembled approx. Ø 2.6 x 29 mm / 35 mm long (per single conductor).

Available from Stock

Versions Type J 1x Fe-CuNi, also for Type L used. On request also Type K available, but no stock item

For easy identification, the contacts are color coded

Fe	=	Positive pole marked black,	magnetic
CuNi	=	Negative pole marked yellow,	not magnetic

Ordering Information

Set Fe-CuNi (2x Pen +/- Pol, 2x Bushings +/- Pol)

inkl. Peek-Fitting (4-parts, for max. +240°C)

Set Shrinking tube (Ø 2,4/1,2 mm, max. +160°C

2 Pcs.. à 35 mm length)

Precision crimp wrench

Art. No. HTCMT E 260 SET

Art. No. 11851

Art. No. HTC MTE

