

Thermodrahtpaare Thermocouplewire pairs

Die Thermospannungen und die Toleranzen der Thermodrahte vom Typ J, T, E, K, N entsprechen der DIN EN 60 584, Teil 1 und Teil 2. Dies gilt analog fur die Typen U und L, die der DIN 43 710 entsprechen. Die maximal zulassige Einsatztemperatur der isolierten Thermodrahte ist nur abhangig von der Temperaturbestandigkeit des verwendeten Isolierwerkstoffes.

Typ	Material	+ Pol	- Pol	Mantel
T (X)	Cu-CuNi	braun / Fe	weiss / CuNi	braun
E (X)	NiCr-CuNi	violet / NiCr	weiss / CuNi	violet
J (X)	Fe-CuNi	schwarz / Fe	weiss / CuNi	schwarz
K (X)	NiCr-Ni	grun / NiCr	weiss / Ni	grun
N (X)	NiCrSi-NiSi	rosa / NiCrSi	weiss / NiSi	rosa
U (X)	Cu-CuNi	rot / Cu	braun / CuNi	braun
L (X)	Fe-CuNi	rot / Fe	blau / CuNi	blau



Bestelldaten / order specifications / specifications de commande: Draht \varnothing / Aussen \varnothing in mm

Thermodraht-Paare blank: \varnothing in mm 

- | | | | | |
|---|---|---|---|---|
| <input type="checkbox"/> S (Pt10Rh-Pt) | <input type="checkbox"/> \varnothing 0.25 (2.02g/m) | <input type="checkbox"/> \varnothing 0.30 (2.92g/m) | <input type="checkbox"/> \varnothing 0.35 (3.98g/m) | <input type="checkbox"/> \varnothing 0.5 (8.11g/m) |
| <input type="checkbox"/> B (Pt30Rh-Pt6Rh) | <input type="checkbox"/> \varnothing 0.30 (2.69g/m) | <input type="checkbox"/> \varnothing 0.35 (3.67g/m) | <input type="checkbox"/> \varnothing 0.5 (7.48g/m) | <input type="checkbox"/> \varnothing 0.8 (19.15g/m) |
| <input type="checkbox"/> R (Pt13Rh-Pt) | <input type="checkbox"/> \varnothing 0.15 (0.73g/m) | <input type="checkbox"/> \varnothing 0.25 (2.01g/m) | <input type="checkbox"/> \varnothing 0.3 (2.89g/m) | <input type="checkbox"/> \varnothing 0.5 (8.03g/m) |

Thermodrahtpaare isoliert, rund: 

- | | | | | | | | |
|----------------------------|----------------------------|----------------------------|---|---|---|---|-----------|
| <input type="checkbox"/> K | <input type="checkbox"/> J | <input type="checkbox"/> L | <input type="checkbox"/> \varnothing 0.20 | <input type="checkbox"/> \varnothing 0.50/3.8x2.5 | <input type="checkbox"/> \varnothing 1.00 / 4.8x3.0 | PVC | |
| <input type="checkbox"/> K | <input type="checkbox"/> J | <input type="checkbox"/> L | <input type="checkbox"/> \varnothing 0.20 | <input type="checkbox"/> \varnothing 0.50/3.2 | <input type="checkbox"/> \varnothing 1.00 / 4.2 | Silikon | |
| <input type="checkbox"/> K | <input type="checkbox"/> J | <input type="checkbox"/> L | <input type="checkbox"/> \varnothing 0.20 | <input type="checkbox"/> \varnothing 0.50/1.7x2.8 | <input type="checkbox"/> \varnothing 1.00 / 2.0x3.5 | PTFE | |
| <input type="checkbox"/> K | <input type="checkbox"/> J | <input type="checkbox"/> L | <input type="checkbox"/> \varnothing 0.20 | <input type="checkbox"/> \varnothing 0.30/2.0x1.3 | <input type="checkbox"/> \varnothing 0.50 / 1.9x1.2 | <input type="checkbox"/> \varnothing 1.00 / 3.2x2.1 | Glasseide |

Thermodrahtpaare isoliert, verseilt: 

- | | | | | | | |
|----------------------------|----------------------------|----------------------------|---|---|---|-----------------|
| <input type="checkbox"/> K | <input type="checkbox"/> J | <input type="checkbox"/> L | <input type="checkbox"/> \varnothing 0.20 | <input type="checkbox"/> \varnothing 0.50 | <input type="checkbox"/> \varnothing 1.00 | Glasseide |
| <input type="checkbox"/> K | <input type="checkbox"/> J | <input type="checkbox"/> L | <input type="checkbox"/> \varnothing 0.20 | <input type="checkbox"/> \varnothing 0.50 | <input type="checkbox"/> \varnothing 1.00 | Reine Glasseide |
| <input type="checkbox"/> K | <input type="checkbox"/> J | <input type="checkbox"/> L | <input type="checkbox"/> \varnothing 0.20 | <input type="checkbox"/> \varnothing 0.50 | <input type="checkbox"/> \varnothing 1.00 | FEP |

Thermodraht-Lange: 25m 50m 100m _____m

Temperaturbereiche:

- | | | | |
|------------------------|------------------------------|---------------------------|--------------------------|
| PVC -25...+105°C | Silikon -40...+200°C | Teflon PTFE -100...+260°C | Teflon FEP -100...+205°C |
| Glasseide -25...+400°C | Reine Glasseide -40...+800°C | | |

Andere Typen und Ausfuhungen auf Anfrage erhaltlich.