

Hand-Temperaturfühler NiCr-Ni

Handheld Temperature Probes NiCr-Ni

Oberflächenfühler

Surface Probes

	Beschreibung Description	Temperaturbereich Range	Länge Length [mm]	[mm]	T90	Art.-No.
	Kräftiger Magnetfühler mit Haftkraft 90 N Strong Magnetic probe with holding force 90 N	-30... +550°C	1000 Kabel cable	40x25	18	0600 1061
	Rohrfühler m.flexiblem Klettverschluss Probe for tubes with flexible velcro fastener	-10... +100°C	2000 Kabel cable	für / for 15...150	20	0600 1110
	Folienfühler, selbstklebend Adhesive foil probe	-50... +250°C	1000 Litze wire	10x20	12	0644 1401
	Zangenfühler für Platten, Rohre und Stangen Pliers probe for plates, tubes and bars	-30... +260°C	1000 Kabel cable	15		0644 1062

Luftfühler

Air Probes

	Beschreibung Description	Temperaturbereich Range	Nennlänge Nominal Length [mm]	[mm]	T90	Art.-No.
	Mechanisch geschütztes Thermoelement Mechanically protected Thermocouple	-50... +600°C	130	4,7	20	0600 1005
	Preiswerter Luftfühler glasseidenisoliert Unexpensive air probe fibre glass insulated	-50... +400°C	100 500 1000	2,1x1,2 2,1x1,2 2,1x1,2	10 10 10	0600 1126 0600 1029 0644 1402
	Preiswerter Luftfühler sehr reaktionsschnell teflonisoliert Unexpensive air probe very quick, teflon insulated	-50... +260°C	1000 5000 10000 25000		6 6 6 6	0600 1301 0600 1305 0600 1310 0600 1325

10 %	Stückzahl Quantity	5	10 20 %	25 30 %	50 40 %
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Technische Erläuterungen

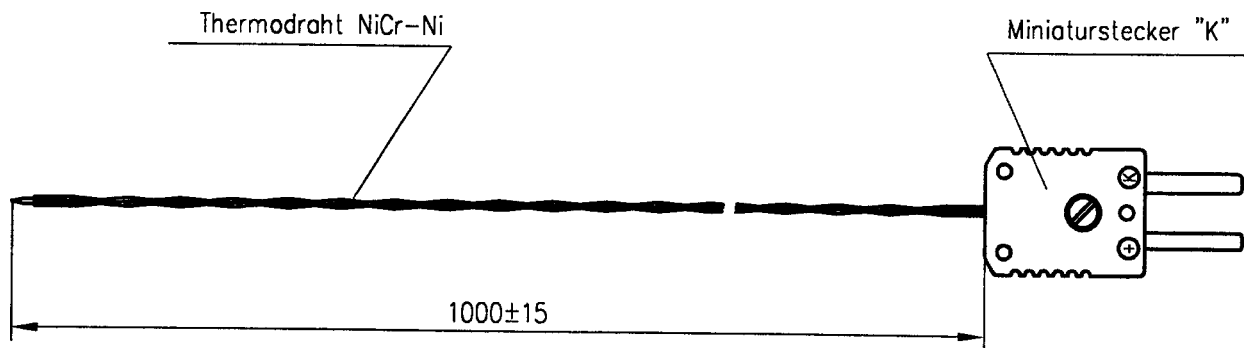
Technical Notes

Thermoelemente Thermocouples

Thermoelement - Grundwerte

Thermocouple - basic values

	Typ U	Typ T	Typ L	Typ J	Typ E	Typ K	Typ N	Typ S	Typ R	Typ B	Typ C	Typ D
°C	mV											
-100	-3,400	-3,378	-4,750	-4,632	-5,237	-3,553	-2,407					
-50	-1,850	-1,819	-2,510	-2,431	-2,787	-1,889	-1,268					
0	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
50	2,050	2,035	2,650	2,585	3,047	2,022	1,339	0,299	0,296	0,002	0,117	0,525
100	4,250	4,277	5,370	5,268	6,317	4,095	2,774	0,645	0,647	0,033	0,334	1,145
150	6,620	6,702	8,150	8,008	9,787	6,137	4,301	1,029	1,041	0,092	0,642	1,840
200	9,200	9,286	10,950	10,777	13,419	8,137	5,912	1,440	1,468	0,178	1,036	2,602
250	11,980	12,011	13,750	13,553	17,178	10,151	7,596	1,873	1,923	0,291	1,509	3,426
300	14,900	14,860	16,560	16,325	21,033	12,207	9,340	2,323	2,400	0,431	2,055	4,290
350	17,920	17,816	19,360	19,089	24,961	14,292	11,135	2,786	2,896	0,596	2,666	5,186
400	21,000	20,869	22,160	21,846	28,943	16,395	12,972	3,260	3,407	0,786	3,339	6,128
450	24,150		25,000	24,607	32,960	18,513	14,844	3,743	3,933	1,002	4,066	7,108
500	27,410		27,850	27,388	36,999	20,640	16,744	4,234	4,471	1,241	4,844	8,097
550	30,800		30,750	30,210	41,045	22,772	18,668	4,732	5,021	1,505	5,666	9,088
600	34,310		33,670	33,096	45,085	24,902	20,609	5,237	5,582	1,791	6,529	10,093
650			36,640	36,066	49,109	27,022	22,564	5,751	6,155	2,100	7,427	11,107
700			39,720	39,130	53,110	29,128	24,526	6,274	6,741	2,430	8,357	12,129
750			42,920	42,283	57,083	31,214	26,491	6,805	7,339	2,782	9,315	13,157
800			46,220	45,498	61,022	33,277	28,456	7,345	7,949	3,154	10,296	14,184
850			49,630		64,924	35,314	30,417	7,892	8,570	3,546	11,297	15,208
900			53,140	51,875	68,783	37,325	32,370	8,448	9,203	3,957	12,315	16,225
950					72,593	39,310	34,315	9,012	9,848	4,386	13,347	17,243
1000				57,942	76,358	41,269	36,248	9,585	10,503	4,833	14,389	18,251
1050						43,202	38,169	10,165	11,170	5,297	15,439	19,246
1100				63,777		45,108	40,076	10,754	11,846	5,777	16,493	20,241
1150						46,985	41,966	11,348	12,532	6,273	17,550	21,216
1200						48,828	43,836	11,947	13,224	6,783	18,607	22,189
1250						50,633	45,682	12,550	13,922	7,308	19,662	23,131
1300						52,398	47,502	13,155	14,624	7,845	20,713	24,063
1350						54,125		13,761	15,329	8,393	21,757	24,993
1400								14,368	16,035	8,952	22,793	25,912
1450								14,973	16,741	9,519	23,819	26,819
1500								15,576	17,445	10,094	24,833	27,706
1550								16,176	18,146	10,674	25,834	28,582
1600								16,771	18,842	11,257	26,821	29,448
1650								17,360	19,533	11,842	27,791	30,299
1700								17,942	20,215	12,426	28,744	31,130
1750								18,504	20,878	13,008	29,678	31,946
1800										13,585	30,591	32,745
1850											31,484	33,526
1900											32,354	34,287
1950											33,201	35,029
2000											34,023	35,751
2050											34,818	36,448
2100											35,587	37,108
2150											36,328	37,738
2200											37,039	38,339
2250											37,720	38,896
2300											38,369	39,395
2350												39,845
2400												40,253



Anschluß: weiß "K"
grün "+"

Fühler einzeln verpackt
in Folienbeutel 0956 0054

Meßbereich: bis +260°C

"Schutzvermerk nach DIN 34 beachten"

Verwendung		Zul.Abw. DIN 7168 m	Oberfläche	Maßstab 1:1	Werkstoff
		Datum	Name	Benennung	
		Bearb	19.02.02	Thermoelement 1xK	
		Gepr		NiCr-Ni	
		Norm		Nummer	Blatt
				0600 1301-10k	BI
Zust	Änderung	Datum	Name	THERMO-TECHNIK	

B+B
THERMO-TECHNIK