

Technische Daten:

Thermoelemente NiCr/Ni, Typ K Gemäß DIN/IEC 584



Grundwerte von -200 °C bis 1350 °C in 10 °C Schritten, Angaben in mV

°C	0	10	20	30	40	50	60	70	80	90
-200	-5,891									
-100	-3,553									
0	0	0,397	0,798	1,203	1,611	2,022	2,436	2,850	3,266	3,681
100	4,095	4,508	4,919	5,327	5,733	6,137	6,539	6,939	7,338	7,737
200	8,137	8,537	8,938	9,341	9,745	10,151	10,560	10,969	11,381	11,793
300	12,207	12,623	13,039	13,456	13,874	14,292	14,712	15,132	15,552	15,974
400	16,395	16,818	17,241	17,664	18,088	18,513	18,938	19,363	19,788	20,214
500	20,640	21,066	21,493	21,919	22,346	22,772	23,198	23,624	24,050	24,476
600	24,902	25,327	25,751	26,176	26,599	27,022	27,445	27,867	28,288	28,709
700	29,128	29,547	29,965	30,383	30,799	31,214	31,629	32,042	32,455	32,866
800	33,277	33,686	34,095	34,502	34,909	35,314	35,718	36,121	36,524	36,925
900	37,325	37,724	38,122	38,519	38,915	39,310	39,703	40,096	40,488	40,879
1000	41,269	41,657	42,045	42,432	42,817	43,202	43,585	43,968	44,349	44,729
1100	45,108	45,486	45,863	46,238	46,612	46,985	47,356	47,726	48,095	48,462
1200	48,828	49,192	49,555	49,916	50,276	50,633	50,990	51,344	51,697	52,049
1300	52,398	52,747	53,093	53,439	53,782	54,125	54,466	54,807		

Toleranzen für Thermoelemente NiCr/Ni, Typ K, gemäß DIN/IEC 584

Element-Typ	Temperaturbereich	Toleranz
Klasse 1		
NiCr/Ni, Typ K	-40 °C bis 1000 °C	± 1,5 °C oder ± 0,004 · t
Klasse 2		
NiCr/Ni, Typ K	-40 °C bis 1200 °C	± 2,5 °C oder ± 0,0075 · t
Klasse 3		
NiCr/Ni, Typ K	-200 °C bis 40 °C	± 2,5 °C oder ± 0,015 · t

d129901.pdf