

E 15 Norm tables
DIN EN 60584

Basic values for thermoelectric voltage in mV for NiCr-Ni (Type K).
Temperature of the cold junction (reference temperature) 0 °C.

°C	mV	µV	°C	mV	µV	°C	mV	µV
-200	-5.89	-5891	400	163.97	16397	1000	412.76	41276
-190	-5.73	-5730	410	168.20	16820	1010	416.65	41665
-180	-5.55	-5550	420	172.43	17243	1020	420.53	42053
-170	-5.35	-5354	430	176.67	17667	1030	424.40	42440
-160	-5.14	-5141	440	180.91	18091	1040	428.26	42826
-150	-4.91	-4913	450	185.16	18516	1050	432.11	43211
-140	-4.67	-4669	460	189.41	18941	1060	435.95	43595
-130	-4.41	-4411	470	193.66	19366	1070	439.78	43978
-120	-4.14	-4138	480	197.92	19792	1080	443.59	44359
-110	-3.85	-3852	490	202.18	20218	1090	447.40	44740
-100	-3.55	-3554	500	206.44	20644	1100	451.19	45119
-90	-3.24	-3243	510	210.71	21071	1110	454.97	45497
-80	-2.92	-2920	520	214.97	21497	1120	458.73	45873
-70	-2.59	-2587	530	219.24	21924	1130	462.49	46249
-60	-2.24	-2243	540	223.50	22350	1140	466.23	46623
-50	-1.89	-1889	550	227.76	22776	1150	469.95	46995
-40	-1.53	-1527	560	232.03	23203	1160	473.67	47367
-30	-1.16	-1156	570	236.29	23629	1170	477.37	47737
-20	-0.78	-778	580	240.55	24055	1180	481.05	48105
-10	-0.39	-392	590	244.80	24480	1190	484.73	48473
0	0.00	0	600	249.05	24905	1200	488.38	48838
10	3.97	397	610	253.30	25330	1210	492.02	49202
20	7.98	798	620	257.55	25755	1220	495.65	49565
30	12.03	1203	630	261.79	26179	1230	499.26	49926
40	16.12	1612	640	266.02	26602	1240	502.86	50286
50	20.23	2023	650	270.25	27025	1250	506.44	50644
60	24.36	2436	660	274.47	27447	1260	510.00	51000
70	28.51	2851	670	278.69	27869	1270	513.55	51355
80	32.67	3267	680	282.89	28289	1280	517.08	51708
90	36.82	3682	690	287.10	28710	1290	520.60	52060
100	40.96	4096	700	291.29	29129	1300	524.10	52410
110	45.09	4509	710	295.48	29548	1310	527.59	52759
120	49.20	4920	720	299.65	29965	1320	531.06	53106
130	53.28	5328	730	303.82	30382	1330	534.51	53451
140	57.35	5735	740	307.98	30798	1340	537.95	53795
150	61.38	6138	750	312.13	31213	1350	541.38	54138
160	65.40	6540	760	316.28	31628	1360	544.79	54479
170	69.41	6941	770	320.41	32041	1370	548.19	54819
180	73.40	7340	780	324.53	32453			
190	77.39	7739	790	328.65	32865			
200	81.38	8138	800	332.75	33275			
210	85.39	8539	810	336.85	33685			
220	89.40	8940	820	340.93	34093			
230	93.43	9343	830	345.01	34501			
240	97.47	9747	840	349.08	34908			
250	101.53	10153	850	353.13	35313			
260	105.61	10561	860	357.18	35718			
270	109.71	10971	870	361.21	36121			
280	113.82	11382	880	365.24	36524			
290	117.95	11795	890	369.25	36925			
300	122.09	12209	900	373.26	37326			
310	126.24	12624	910	377.25	37725			
320	130.40	13040	920	381.24	38124			
330	134.57	13457	930	385.22	38522			
340	138.74	13874	940	389.18	38918			
350	142.93	14293	950	393.14	39314			
360	147.13	14713	960	397.08	39708			
370	151.33	15133	970	401.01	40101			
380	155.54	15554	980	404.94	40494			
390	159.75	15975	990	408.85	40885			