

Thermoelement Typ B

(Thermospannung in mV, bezogen auf eine Vergleichsstellentemperatur von 0°C)

	0	1	2	3	4	5	6	7	8	9	10
0	0,000	0,000	0,000	-0,001	-0,001	-0,001	-0,001	-0,001	-0,002	-0,002	-0,002
10	-0,002	-0,002	-0,002	-0,002	-0,002	-0,002	-0,002	-0,002	-0,003	-0,003	-0,003
20	-0,003	-0,003	-0,003	-0,003	-0,003	-0,002	-0,002	-0,002	-0,002	-0,002	-0,002
30	-0,002	-0,002	-0,002	-0,002	-0,002	-0,001	-0,001	-0,001	-0,001	-0,001	0,000
40	0,000	0,000	0,000	0,000	0,000	0,001	0,001	0,001	0,002	0,002	0,002
50	0,002	0,003	0,003	0,003	0,004	0,004	0,004	0,005	0,005	0,006	0,006
60	0,006	0,007	0,007	0,008	0,008	0,009	0,009	0,010	0,010	0,011	0,011
70	0,011	0,012	0,012	0,013	0,014	0,014	0,015	0,015	0,016	0,017	0,017
80	0,017	0,018	0,019	0,020	0,020	0,021	0,022	0,022	0,023	0,024	0,025
90	0,025	0,026	0,026	0,027	0,028	0,029	0,030	0,031	0,031	0,032	0,033
100	0,033	0,034	0,035	0,036	0,037	0,038	0,039	0,040	0,041	0,042	0,043
110	0,043	0,044	0,045	0,046	0,047	0,048	0,049	0,050	0,051	0,052	0,053
120	0,053	0,055	0,056	0,057	0,058	0,059	0,060	0,062	0,063	0,064	0,065
130	0,065	0,066	0,068	0,069	0,070	0,072	0,073	0,074	0,075	0,077	0,078
140	0,078	0,079	0,081	0,082	0,084	0,085	0,086	0,088	0,089	0,091	0,092
150	0,092	0,094	0,095	0,096	0,098	0,099	0,101	0,102	0,104	0,106	0,107
160	0,107	0,109	0,110	0,112	0,113	0,115	0,117	0,118	0,120	0,122	0,123
170	0,123	0,125	0,127	0,128	0,130	0,132	0,134	0,135	0,137	0,139	0,141
180	0,141	0,142	0,144	0,146	0,148	0,150	0,151	0,153	0,155	0,157	0,159
190	0,159	0,161	0,163	0,165	0,166	0,168	0,170	0,172	0,174	0,176	0,178
200	0,178	0,180	0,182	0,184	0,186	0,188	0,190	0,192	0,195	0,197	0,199
210	0,199	0,201	0,203	0,205	0,207	0,209	0,212	0,214	0,216	0,218	0,220
220	0,220	0,222	0,225	0,227	0,229	0,231	0,234	0,236	0,238	0,241	0,243
230	0,243	0,245	0,248	0,250	0,252	0,255	0,257	0,259	0,262	0,264	0,267
240	0,267	0,269	0,271	0,274	0,276	0,279	0,281	0,284	0,286	0,289	0,291
250	0,291	0,294	0,296	0,299	0,301	0,304	0,307	0,309	0,312	0,314	0,317
260	0,317	0,320	0,322	0,325	0,328	0,330	0,333	0,336	0,338	0,341	0,344
270	0,344	0,347	0,349	0,352	0,355	0,358	0,360	0,363	0,366	0,369	0,372
280	0,372	0,375	0,377	0,380	0,383	0,386	0,389	0,392	0,395	0,398	0,401
290	0,401	0,404	0,407	0,410	0,413	0,416	0,419	0,422	0,425	0,428	0,431
300	0,431	0,434	0,437	0,440	0,443	0,446	0,449	0,452	0,455	0,458	0,462
310	0,462	0,465	0,468	0,471	0,474	0,478	0,481	0,484	0,487	0,490	0,494

	0	1	2	3	4	5	6	7	8	9	10
320	0,494	0,497	0,500	0,503	0,507	0,510	0,513	0,517	0,520	0,523	0,527
330	0,527	0,530	0,533	0,537	0,540	0,544	0,547	0,550	0,554	0,557	0,561
340	0,561	0,564	0,568	0,571	0,575	0,578	0,582	0,585	0,589	0,592	0,596
350	0,596	0,599	0,603	0,607	0,610	0,614	0,617	0,621	0,625	0,628	0,632
360	0,632	0,636	0,639	0,643	0,647	0,650	0,654	0,658	0,662	0,665	0,669
370	0,669	0,673	0,677	0,680	0,684	0,688	0,692	0,696	0,700	0,703	0,707
380	0,707	0,711	0,715	0,719	0,723	0,727	0,731	0,735	0,738	0,742	0,746
390	0,746	0,750	0,754	0,758	0,762	0,766	0,770	0,774	0,778	0,782	0,787
400	0,787	0,791	0,795	0,799	0,803	0,807	0,811	0,815	0,819	0,823	0,828
410	0,828	0,832	0,836	0,840	0,844	0,849	0,853	0,857	0,861	0,865	0,870
420	0,870	0,874	0,878	0,883	0,887	0,891	0,895	0,900	0,904	0,908	0,913
430	0,913	0,917	0,922	0,926	0,930	0,935	0,939	0,944	0,948	0,952	0,957
440	0,957	0,961	0,966	0,970	0,975	0,979	0,984	0,988	0,993	0,997	1,002
450	1,002	1,007	1,011	1,016	1,020	1,025	1,029	1,034	1,039	1,043	1,048
460	1,048	1,053	1,057	1,062	1,067	1,071	1,076	1,081	1,086	1,090	1,095
470	1,095	1,100	1,105	1,109	1,114	1,119	1,124	1,128	1,133	1,138	1,143
480	1,143	1,148	1,153	1,158	1,162	1,167	1,172	1,177	1,182	1,187	1,192
490	1,192	1,197	1,202	1,207	1,212	1,217	1,222	1,227	1,232	1,237	1,242
500	1,242	1,247	1,252	1,257	1,262	1,267	1,272	1,277	1,282	1,287	1,293
510	1,293	1,298	1,303	1,308	1,313	1,318	1,323	1,329	1,334	1,339	1,344
520	1,344	1,350	1,355	1,360	1,365	1,371	1,376	1,381	1,386	1,392	1,397
530	1,397	1,402	1,408	1,413	1,418	1,424	1,429	1,434	1,440	1,445	1,451
540	1,451	1,456	1,461	1,467	1,472	1,478	1,483	1,489	1,494	1,500	1,505
550	1,505	1,511	1,516	1,522	1,527	1,533	1,538	1,544	1,549	1,555	1,561
560	1,561	1,566	1,572	1,577	1,583	1,589	1,594	1,600	1,606	1,611	1,617
570	1,617	1,623	1,628	1,634	1,640	1,646	1,651	1,657	1,663	1,669	1,674
580	1,674	1,680	1,686	1,692	1,697	1,703	1,709	1,715	1,721	1,727	1,732
590	1,732	1,738	1,744	1,750	1,756	1,762	1,768	1,774	1,780	1,786	1,792
600	1,792	1,797	1,803	1,809	1,815	1,821	1,827	1,833	1,839	1,845	1,852
610	1,852	1,858	1,864	1,870	1,876	1,882	1,888	1,894	1,900	1,906	1,912
620	1,912	1,919	1,925	1,931	1,937	1,943	1,949	1,955	1,962	1,968	1,974
630	1,974	1,981	1,987	1,993	1,999	2,006	2,012	2,018	2,025	2,031	2,037
640	2,037	2,043	2,050	2,056	2,062	2,069	2,075	2,082	2,088	2,094	2,101
650	2,101	2,107	2,113	2,120	2,126	2,133	2,139	2,146	2,152	2,158	2,165
660	2,165	2,171	2,178	2,184	2,191	2,197	2,204	2,210	2,217	2,224	2,230

	0	1	2	3	4	5	6	7	8	9	10
670	2,230	2,237	2,243	2,250	2,256	2,263	2,270	2,276	2,283	2,289	2,296
680	2,296	2,303	2,309	2,316	2,323	2,329	2,336	2,343	2,350	2,356	2,363
690	2,363	2,370	2,376	2,383	2,390	2,397	2,403	2,410	2,417	2,424	2,431
700	2,431	2,437	2,444	2,451	2,458	2,465	2,472	2,479	2,485	2,492	2,499
710	2,499	2,506	2,513	2,520	2,527	2,534	2,541	2,548	2,555	2,562	2,569
720	2,569	2,576	2,583	2,590	2,597	2,604	2,611	2,618	2,625	2,632	2,639
730	2,639	2,646	2,653	2,660	2,667	2,674	2,681	2,688	2,696	2,703	2,710
740	2,710	2,717	2,724	2,731	2,738	2,746	2,753	2,760	2,767	2,775	2,782
750	2,782	2,789	2,796	2,803	2,811	2,818	2,825	2,833	2,840	2,847	2,854
760	2,854	2,862	2,869	2,876	2,884	2,891	2,898	2,906	2,913	2,921	2,928
770	2,928	2,935	2,943	2,950	2,958	2,965	2,973	2,980	2,987	2,995	3,002
780	3,002	3,010	3,017	3,025	3,032	3,040	3,047	3,055	3,062	3,070	3,078
790	3,078	3,085	3,093	3,100	3,108	3,116	3,123	3,131	3,138	3,146	3,154
800	3,154	3,161	3,169	3,177	3,184	3,192	3,200	3,207	3,215	3,223	3,230
810	3,230	3,238	3,246	3,254	3,261	3,269	3,277	3,285	3,292	3,300	3,308
820	3,308	3,316	3,324	3,331	3,339	3,347	3,355	3,363	3,371	3,379	3,386
830	3,386	3,394	3,402	3,410	3,418	3,426	3,434	3,442	3,450	3,458	3,466
840	3,466	3,474	3,482	3,490	3,498	3,506	3,514	3,522	3,530	3,538	3,546
850	3,546	3,554	3,562	3,570	3,578	3,586	3,594	3,602	3,610	3,618	3,626
860	3,626	3,634	3,643	3,651	3,659	3,667	3,675	3,683	3,692	3,700	3,708
870	3,708	3,716	3,724	3,732	3,741	3,749	3,757	3,765	3,774	3,782	3,790
880	3,790	3,798	3,807	3,815	3,823	3,832	3,840	3,848	3,857	3,865	3,873
890	3,873	3,882	3,890	3,898	3,907	3,915	3,923	3,932	3,940	3,949	3,957
900	3,957	3,965	3,974	3,982	3,991	3,999	4,008	4,016	4,024	4,033	4,041
910	4,041	4,050	4,058	4,067	4,075	4,084	4,093	4,101	4,110	4,118	4,127
920	4,127	4,135	4,144	4,152	4,161	4,170	4,178	4,187	4,195	4,204	4,213
930	4,213	4,221	4,230	4,239	4,247	4,256	4,265	4,273	4,282	4,291	4,299
940	4,299	4,308	4,317	4,326	4,334	4,343	4,352	4,360	4,369	4,378	4,387
950	4,387	4,396	4,404	4,413	4,422	4,431	4,440	4,448	4,457	4,466	4,475
960	4,475	4,484	4,493	4,501	4,510	4,519	4,528	4,537	4,546	4,555	4,564
970	4,564	4,573	4,582	4,591	4,599	4,608	4,617	4,626	4,635	4,644	4,653
980	4,653	4,662	4,671	4,680	4,689	4,698	4,707	4,716	4,725	4,734	4,743
990	4,743	4,753	4,762	4,771	4,780	4,789	4,798	4,807	4,816	4,825	4,834
1000	4,834	4,843	4,853	4,862	4,871	4,880	4,889	4,898	4,908	4,917	4,926
1010	4,926	4,935	4,944	4,954	4,963	4,972	4,981	4,990	5,000	5,009	5,018

	0	1	2	3	4	5	6	7	8	9	10
1020	5,018	5,027	5,037	5,046	5,055	5,065	5,074	5,083	5,092	5,102	5,111
1030	5,111	5,120	5,130	5,139	5,148	5,158	5,167	5,176	5,186	5,195	5,205
1040	5,205	5,214	5,223	5,233	5,242	5,252	5,261	5,270	5,280	5,289	5,299
1050	5,299	5,308	5,318	5,327	5,337	5,346	5,356	5,365	5,375	5,384	5,394
1060	5,394	5,403	5,413	5,422	5,432	5,441	5,451	5,460	5,470	5,480	5,489
1070	5,489	5,499	5,508	5,518	5,528	5,537	5,547	5,556	5,566	5,576	5,585
1080	5,585	5,595	5,605	5,614	5,624	5,634	5,643	5,653	5,663	5,672	5,682
1090	5,682	5,692	5,702	5,711	5,721	5,731	5,740	5,750	5,760	5,770	5,780
1100	5,780	5,789	5,799	5,809	5,819	5,828	5,838	5,848	5,858	5,868	5,878
1110	5,878	5,887	5,897	5,907	5,917	5,927	5,937	5,947	5,956	5,966	5,976
1120	5,976	5,986	5,996	6,006	6,016	6,026	6,036	6,046	6,055	6,065	6,075
1130	6,075	6,085	6,095	6,105	6,115	6,125	6,135	6,145	6,155	6,165	6,175
1140	6,175	6,185	6,195	6,205	6,215	6,225	6,235	6,245	6,256	6,266	6,276
1150	6,276	6,286	6,296	6,306	6,316	6,326	6,336	6,346	6,356	6,367	6,377
1160	6,377	6,387	6,397	6,407	6,417	6,427	6,438	6,448	6,458	6,468	6,478
1170	6,478	6,488	6,499	6,509	6,519	6,529	6,539	6,550	6,560	6,570	6,580
1180	6,580	6,591	6,601	6,611	6,621	6,632	6,642	6,652	6,663	6,673	6,683
1190	6,683	6,693	6,704	6,714	6,724	6,735	6,745	6,755	6,766	6,776	6,786
1200	6,786	6,797	6,807	6,818	6,828	6,838	6,849	6,859	6,869	6,880	6,890
1210	6,890	6,901	6,911	6,922	6,932	6,942	6,953	6,963	6,974	6,984	6,995
1220	6,995	7,005	7,016	7,026	7,037	7,047	7,058	7,068	7,079	7,089	7,100
1230	7,100	7,110	7,121	7,131	7,142	7,152	7,163	7,173	7,184	7,194	7,205
1240	7,205	7,216	7,226	7,237	7,247	7,258	7,269	7,279	7,290	7,300	7,311
1250	7,311	7,322	7,332	7,343	7,353	7,364	7,375	7,385	7,396	7,407	7,417
1260	7,417	7,428	7,439	7,449	7,460	7,471	7,482	7,492	7,503	7,514	7,524
1270	7,524	7,535	7,546	7,557	7,567	7,578	7,589	7,600	7,610	7,621	7,632
1280	7,632	7,643	7,653	7,664	7,675	7,686	7,697	7,707	7,718	7,729	7,740
1290	7,740	7,751	7,761	7,772	7,783	7,794	7,805	7,816	7,827	7,837	7,848
1300	7,848	7,859	7,870	7,881	7,892	7,903	7,914	7,924	7,935	7,946	7,957
1310	7,957	7,968	7,979	7,990	8,001	8,012	8,023	8,034	8,045	8,056	8,066
1320	8,066	8,077	8,088	8,099	8,110	8,121	8,132	8,143	8,154	8,165	8,176
1330	8,176	8,187	8,198	8,209	8,220	8,231	8,242	8,253	8,264	8,275	8,286
1340	8,286	8,298	8,309	8,320	8,331	8,342	8,353	8,364	8,375	8,386	8,397
1350	8,397	8,408	8,419	8,430	8,441	8,453	8,464	8,475	8,486	8,497	8,508
1360	8,508	8,519	8,530	8,542	8,553	8,564	8,575	8,586	8,597	8,608	8,620

	0	1	2	3	4	5	6	7	8	9	10
1370	8,620	8,631	8,642	8,653	8,664	8,675	8,687	8,698	8,709	8,720	8,731
1380	8,731	8,743	8,754	8,765	8,776	8,787	8,799	8,810	8,821	8,832	8,844
1390	8,844	8,855	8,866	8,877	8,889	8,900	8,911	8,922	8,934	8,945	8,956
1400	8,956	8,967	8,979	8,990	9,001	9,013	9,024	9,035	9,047	9,058	9,069
1410	9,069	9,080	9,092	9,103	9,114	9,126	9,137	9,148	9,160	9,171	9,182
1420	9,182	9,194	9,205	9,216	9,228	9,239	9,251	9,262	9,273	9,285	9,296
1430	9,296	9,307	9,319	9,330	9,342	9,353	9,364	9,376	9,387	9,398	9,410
1440	9,410	9,421	9,433	9,444	9,456	9,467	9,478	9,490	9,501	9,513	9,524
1450	9,524	9,536	9,547	9,558	9,570	9,581	9,593	9,604	9,616	9,627	9,639
1460	9,639	9,650	9,662	9,673	9,684	9,696	9,707	9,719	9,730	9,742	9,753
1470	9,753	9,765	9,776	9,788	9,799	9,811	9,822	9,834	9,845	9,857	9,868
1480	9,868	9,880	9,891	9,903	9,914	9,926	9,937	9,949	9,961	9,972	9,984
1490	9,984	9,995	10,007	10,018	10,030	10,041	10,053	10,064	10,076	10,088	10,099
1500	10,099	10,111	10,122	10,134	10,145	10,157	10,168	10,180	10,192	10,203	10,215
1510	10,215	10,226	10,238	10,249	10,261	10,273	10,284	10,296	10,307	10,319	10,331
1520	10,331	10,342	10,354	10,365	10,377	10,389	10,400	10,412	10,423	10,435	10,447
1530	10,447	10,458	10,470	10,482	10,493	10,505	10,516	10,528	10,540	10,551	10,563
1540	10,563	10,575	10,586	10,598	10,609	10,621	10,633	10,644	10,656	10,668	10,679
1550	10,679	10,691	10,703	10,714	10,726	10,738	10,749	10,761	10,773	10,784	10,796
1560	10,796	10,808	10,819	10,831	10,843	10,854	10,866	10,877	10,889	10,901	10,913
1570	10,913	10,924	10,936	10,948	10,959	10,971	10,983	10,994	11,006	11,018	11,029
1580	11,029	11,041	11,053	11,064	11,076	11,088	11,099	11,111	11,123	11,134	11,146
1590	11,146	11,158	11,169	11,181	11,193	11,205	11,216	11,228	11,240	11,251	11,263
1600	11,263	11,275	11,286	11,298	11,310	11,321	11,333	11,345	11,357	11,368	11,380
1610	11,380	11,392	11,403	11,415	11,427	11,438	11,450	11,462	11,474	11,485	11,497
1620	11,497	11,509	11,520	11,532	11,544	11,555	11,567	11,579	11,591	11,602	11,614
1630	11,614	11,626	11,637	11,649	11,661	11,673	11,684	11,696	11,708	11,719	11,731
1640	11,731	11,743	11,754	11,766	11,778	11,790	11,801	11,813	11,825	11,836	11,848
1650	11,848	11,860	11,871	11,883	11,895	11,907	11,918	11,930	11,942	11,953	11,965
1660	11,965	11,977	11,988	12,000	12,012	12,024	12,035	12,047	12,059	12,070	12,082
1670	12,082	12,094	12,105	12,117	12,129	12,141	12,152	12,164	12,176	12,187	12,199
1680	12,199	12,211	12,222	12,234	12,246	12,257	12,269	12,281	12,292	12,304	12,316
1690	12,316	12,327	12,339	12,351	12,363	12,374	12,386	12,398	12,409	12,421	12,433
1700	12,433	12,444	12,456	12,468	12,479	12,491	12,503	12,514	12,526	12,538	12,549
1710	12,549	12,561	12,572	12,584	12,596	12,607	12,619	12,631	12,642	12,654	12,666

	0	1	2	3	4	5	6	7	8	9	10
1720	12,666	12,677	12,689	12,701	12,712	12,724	12,736	12,747	12,759	12,770	12,782
1730	12,782	12,794	12,805	12,817	12,829	12,840	12,852	12,863	12,875	12,887	12,898
1740	12,898	12,910	12,921	12,933	12,945	12,956	12,968	12,980	12,991	13,003	13,014
1750	13,014	13,026	13,037	13,049	13,061	13,072	13,084	13,095	13,107	13,119	13,130
1760	13,130	13,142	13,153	13,165	13,176	13,188	13,200	13,211	13,223	13,234	13,246
1770	13,246	13,257	13,269	13,280	13,292	13,304	13,315	13,327	13,338	13,350	13,361
1780	13,361	13,373	13,384	13,396	13,407	13,419	13,430	13,442	13,453	13,465	13,476
1790	13,476	13,488	13,499	13,511	13,522	13,534	13,545	13,557	13,568	13,580	13,591
1800	13,591	13,603	13,614	13,626	13,637	13,649	13,660	13,672	13,683	13,694	13,706
1810	13,706	13,717	13,729	13,740	13,752	13,763	13,775	13,786	13,797	13,809	13,820

Thermoelement Typ E

(Thermospannung in mV, bezogen auf eine Vergleichsstellentemperatur von 0°C)

	0	1	2	3	4	5	6	7	8	9	10
-270	-9,835	-9,833	-9,831	-9,828	-9,825	-9,821	-9,817	-9,813	-9,808	-9,802	-9,797
-260	-9,797	-9,790	-9,784	-9,777	-9,770	-9,762	-9,754	-9,746	-9,737	-9,728	-9,718
-250	-9,718	-9,709	-9,698	-9,688	-9,677	-9,666	-9,654	-9,642	-9,630	-9,617	-9,604
-240	-9,604	-9,591	-9,577	-9,563	-9,548	-9,534	-9,519	-9,503	-9,487	-9,471	-9,455
-230	-9,455	-9,438	-9,421	-9,404	-9,386	-9,368	-9,350	-9,331	-9,313	-9,293	-9,274
-220	-9,274	-9,254	-9,234	-9,214	-9,193	-9,172	-9,151	-9,129	-9,107	-9,085	-9,063
-210	-9,063	-9,040	-9,017	-8,994	-8,971	-8,947	-8,923	-8,899	-8,874	-8,850	-8,825
-200	-8,825	-8,799	-8,774	-8,748	-8,722	-8,696	-8,669	-8,643	-8,616	-8,588	-8,561
-190	-8,561	-8,533	-8,505	-8,477	-8,449	-8,420	-8,391	-8,362	-8,333	-8,303	-8,273
-180	-8,273	-8,243	-8,213	-8,183	-8,152	-8,121	-8,090	-8,059	-8,027	-7,995	-7,963
-170	-7,963	-7,931	-7,899	-7,866	-7,833	-7,800	-7,767	-7,733	-7,700	-7,666	-7,632
-160	-7,632	-7,597	-7,563	-7,528	-7,493	-7,458	-7,423	-7,387	-7,351	-7,315	-7,279
-150	-7,279	-7,243	-7,206	-7,170	-7,133	-7,096	-7,058	-7,021	-6,983	-6,945	-6,907
-140	-6,907	-6,869	-6,831	-6,792	-6,753	-6,714	-6,675	-6,636	-6,596	-6,556	-6,516
-130	-6,516	-6,476	-6,436	-6,396	-6,355	-6,314	-6,273	-6,232	-6,191	-6,149	-6,107
-120	-6,107	-6,065	-6,023	-5,981	-5,939	-5,896	-5,853	-5,810	-5,767	-5,724	-5,681
-110	-5,681	-5,637	-5,593	-5,549	-5,505	-5,461	-5,417	-5,372	-5,327	-5,282	-5,237
-100	-5,237	-5,192	-5,147	-5,101	-5,055	-5,009	-4,963	-4,917	-4,871	-4,824	-4,777
-90	-4,777	-4,731	-4,684	-4,636	-4,589	-4,542	-4,494	-4,446	-4,398	-4,350	-4,302
-80	-4,302	-4,254	-4,205	-4,156	-4,107	-4,058	-4,009	-3,960	-3,911	-3,861	-3,811
-70	-3,811	-3,761	-3,711	-3,661	-3,611	-3,561	-3,510	-3,459	-3,408	-3,357	-3,306
-60	-3,306	-3,255	-3,204	-3,152	-3,100	-3,048	-2,996	-2,944	-2,892	-2,840	-2,787
-50	-2,787	-2,735	-2,682	-2,629	-2,576	-2,523	-2,469	-2,416	-2,362	-2,309	-2,255
-40	-2,255	-2,201	-2,147	-2,093	-2,038	-1,984	-1,929	-1,874	-1,820	-1,765	-1,709
-30	-1,709	-1,654	-1,599	-1,543	-1,488	-1,432	-1,376	-1,320	-1,264	-1,208	-1,152
-20	-1,152	-1,095	-1,039	-0,982	-0,925	-0,868	-0,811	-0,754	-0,697	-0,639	-0,582
-10	-0,582	-0,524	-0,466	-0,408	-0,350	-0,292	-0,234	-0,176	-0,117	-0,059	0,000
0	0,000	0,059	0,118	0,176	0,235	0,294	0,354	0,413	0,472	0,532	0,591
10	0,591	0,651	0,711	0,770	0,830	0,890	0,950	1,010	1,071	1,131	1,192
20	1,192	1,252	1,313	1,373	1,434	1,495	1,556	1,617	1,678	1,740	1,801
30	1,801	1,862	1,924	1,986	2,047	2,109	2,171	2,233	2,295	2,357	2,420
40	2,420	2,482	2,545	2,607	2,670	2,733	2,795	2,858	2,921	2,984	3,048

	0	1	2	3	4	5	6	7	8	9	10
50	3,048	3,111	3,174	3,238	3,301	3,365	3,429	3,492	3,556	3,620	3,685
60	3,685	3,749	3,813	3,877	3,942	4,006	4,071	4,136	4,200	4,265	4,330
70	4,330	4,395	4,460	4,526	4,591	4,656	4,722	4,788	4,853	4,919	4,985
80	4,985	5,051	5,117	5,183	5,249	5,315	5,382	5,448	5,514	5,581	5,648
90	5,648	5,714	5,781	5,848	5,915	5,982	6,049	6,117	6,184	6,251	6,319
100	6,319	6,386	6,454	6,522	6,590	6,658	6,725	6,794	6,862	6,930	6,998
110	6,998	7,066	7,135	7,203	7,272	7,341	7,409	7,478	7,547	7,616	7,685
120	7,685	7,754	7,823	7,892	7,962	8,031	8,101	8,170	8,240	8,309	8,379
130	8,379	8,449	8,519	8,589	8,659	8,729	8,799	8,869	8,940	9,010	9,081
140	9,081	9,151	9,222	9,292	9,363	9,434	9,505	9,576	9,647	9,718	9,789
150	9,789	9,860	9,931	10,003	10,074	10,145	10,217	10,288	10,360	10,432	10,503
160	10,503	10,575	10,647	10,719	10,791	10,863	10,935	11,007	11,080	11,152	11,224
170	11,224	11,297	11,369	11,442	11,514	11,587	11,660	11,733	11,805	11,878	11,951
180	11,951	12,024	12,097	12,170	12,243	12,317	12,390	12,463	12,537	12,610	12,684
190	12,684	12,757	12,831	12,904	12,978	13,052	13,126	13,199	13,273	13,347	13,421
200	13,421	13,495	13,569	13,644	13,718	13,792	13,866	13,941	14,015	14,090	14,164
210	14,164	14,239	14,313	14,388	14,463	14,537	14,612	14,687	14,762	14,837	14,912
220	14,912	14,987	15,062	15,137	15,212	15,287	15,362	15,438	15,513	15,588	15,664
230	15,664	15,739	15,815	15,890	15,966	16,041	16,117	16,193	16,269	16,344	16,420
240	16,420	16,496	16,572	16,648	16,724	16,800	16,876	16,952	17,028	17,104	17,181
250	17,181	17,257	17,333	17,409	17,486	17,562	17,639	17,715	17,792	17,868	17,945
260	17,945	18,021	18,098	18,175	18,252	18,328	18,405	18,482	18,559	18,636	18,713
270	18,713	18,790	18,867	18,944	19,021	19,098	19,175	19,252	19,330	19,407	19,484
280	19,484	19,561	19,639	19,716	19,794	19,871	19,948	20,026	20,103	20,181	20,259
290	20,259	20,336	20,414	20,492	20,569	20,647	20,725	20,803	20,880	20,958	21,036
300	21,036	21,114	21,192	21,270	21,348	21,426	21,504	21,582	21,660	21,739	21,817
310	21,817	21,895	21,973	22,051	22,130	22,208	22,286	22,365	22,443	22,522	22,600
320	22,600	22,678	22,757	22,835	22,914	22,993	23,071	23,150	23,228	23,307	23,386
330	23,386	23,464	23,543	23,622	23,701	23,780	23,858	23,937	24,016	24,095	24,174
340	24,174	24,253	24,332	24,411	24,490	24,569	24,648	24,727	24,806	24,885	24,964
350	24,964	25,044	25,123	25,202	25,281	25,360	25,440	25,519	25,598	25,678	25,757
360	25,757	25,836	25,916	25,995	26,075	26,154	26,233	26,313	26,392	26,472	26,552
370	26,552	26,631	26,711	26,790	26,870	26,950	27,029	27,109	27,189	27,268	27,348
380	27,348	27,428	27,507	27,587	27,667	27,747	27,827	27,907	27,986	28,066	28,146
390	28,146	28,226	28,306	28,386	28,466	28,546	28,626	28,706	28,786	28,866	28,946

Thermoelement Typ J

(Thermospannung in mV, bezogen auf eine Vergleichsstellentemperatur von 0°C)

	0	1	2	3	4	5	6	7	8	9	10
-210	-8,095	-8,076	-8,057	-8,037	-8,017	-7,996	-7,976	-7,955	-7,934	-7,912	-7,890
-200	-7,890	-7,868	-7,846	-7,824	-7,801	-7,778	-7,755	-7,731	-7,707	-7,683	-7,659
-190	-7,659	-7,634	-7,610	-7,585	-7,559	-7,534	-7,508	-7,482	-7,456	-7,429	-7,403
-180	-7,403	-7,376	-7,348	-7,321	-7,293	-7,265	-7,237	-7,209	-7,181	-7,152	-7,123
-170	-7,123	-7,094	-7,064	-7,035	-7,005	-6,975	-6,944	-6,914	-6,883	-6,853	-6,821
-160	-6,821	-6,790	-6,759	-6,727	-6,695	-6,663	-6,631	-6,598	-6,566	-6,533	-6,500
-150	-6,500	-6,467	-6,433	-6,400	-6,366	-6,332	-6,298	-6,263	-6,229	-6,194	-6,159
-140	-6,159	-6,124	-6,089	-6,054	-6,018	-5,982	-5,946	-5,910	-5,874	-5,838	-5,801
-130	-5,801	-5,764	-5,727	-5,690	-5,653	-5,616	-5,578	-5,541	-5,503	-5,465	-5,426
-120	-5,426	-5,388	-5,350	-5,311	-5,272	-5,233	-5,194	-5,155	-5,116	-5,076	-5,037
-110	-5,037	-4,997	-4,957	-4,917	-4,877	-4,836	-4,796	-4,755	-4,714	-4,674	-4,633
-100	-4,633	-4,591	-4,550	-4,509	-4,467	-4,425	-4,384	-4,342	-4,300	-4,257	-4,215
-90	-4,215	-4,173	-4,130	-4,088	-4,045	-4,002	-3,959	-3,916	-3,872	-3,829	-3,786
-80	-3,786	-3,742	-3,698	-3,654	-3,610	-3,566	-3,522	-3,478	-3,434	-3,389	-3,344
-70	-3,344	-3,300	-3,255	-3,210	-3,165	-3,120	-3,075	-3,029	-2,984	-2,938	-2,893
-60	-2,893	-2,847	-2,801	-2,755	-2,709	-2,663	-2,617	-2,571	-2,524	-2,478	-2,431
-50	-2,431	-2,385	-2,338	-2,291	-2,244	-2,197	-2,150	-2,103	-2,055	-2,008	-1,961
-40	-1,961	-1,913	-1,865	-1,818	-1,770	-1,722	-1,674	-1,626	-1,578	-1,530	-1,482
-30	-1,482	-1,433	-1,385	-1,336	-1,288	-1,239	-1,190	-1,142	-1,093	-1,044	-0,995
-20	-0,995	-0,946	-0,896	-0,847	-0,798	-0,749	-0,699	-0,650	-0,600	-0,550	-0,501
-10	-0,501	-0,451	-0,401	-0,351	-0,301	-0,251	-0,201	-0,151	-0,101	-0,050	0,000
0	0,000	0,050	0,101	0,151	0,202	0,253	0,303	0,354	0,405	0,456	0,507
10	0,507	0,558	0,609	0,660	0,711	0,762	0,814	0,865	0,916	0,968	1,019
20	1,019	1,071	1,122	1,174	1,226	1,277	1,329	1,381	1,433	1,485	1,537
30	1,537	1,589	1,641	1,693	1,745	1,797	1,849	1,902	1,954	2,006	2,059
40	2,059	2,111	2,164	2,216	2,269	2,322	2,374	2,427	2,480	2,532	2,585
50	2,585	2,638	2,691	2,744	2,797	2,850	2,903	2,956	3,009	3,062	3,116
60	3,116	3,169	3,222	3,275	3,329	3,382	3,436	3,489	3,543	3,596	3,650
70	3,650	3,703	3,757	3,810	3,864	3,918	3,971	4,025	4,079	4,133	4,187
80	4,187	4,240	4,294	4,348	4,402	4,456	4,510	4,564	4,618	4,672	4,726
90	4,726	4,781	4,835	4,889	4,943	4,997	5,052	5,106	5,160	5,215	5,269
100	5,269	5,323	5,378	5,432	5,487	5,541	5,595	5,650	5,705	5,759	5,814
110	5,814	5,868	5,923	5,977	6,032	6,087	6,141	6,196	6,251	6,306	6,360
120	6,360	6,415	6,470	6,525	6,579	6,634	6,689	6,744	6,799	6,854	6,909
130	6,909	6,964	7,019	7,074	7,129	7,184	7,239	7,294	7,349	7,404	7,459
140	7,459	7,514	7,569	7,624	7,679	7,734	7,789	7,844	7,900	7,955	8,010
150	8,010	8,065	8,120	8,175	8,231	8,286	8,341	8,396	8,452	8,507	8,562
160	8,562	8,618	8,673	8,728	8,783	8,839	8,894	8,949	9,005	9,060	9,115
170	9,115	9,171	9,226	9,282	9,337	9,392	9,448	9,503	9,559	9,614	9,669
180	9,669	9,725	9,780	9,836	9,891	9,947	10,002	10,057	10,113	10,168	10,224
190	10,224	10,279	10,335	10,390	10,446	10,501	10,557	10,612	10,668	10,723	10,779
200	10,779	10,834	10,890	10,945	11,001	11,056	11,112	11,167	11,223	11,278	11,334
210	11,334	11,389	11,445	11,501	11,556	11,612	11,667	11,723	11,778	11,834	11,889
220	11,889	11,945	12,000	12,056	12,111	12,167	12,222	12,278	12,334	12,389	12,445
230	12,445	12,500	12,556	12,611	12,667	12,722	12,778	12,833	12,889	12,944	13,000

	0	1	2	3	4	5	6	7	8	9	10
240	13,000	13,056	13,111	13,167	13,222	13,278	13,333	13,389	13,444	13,500	13,555
250	13,555	13,611	13,666	13,722	13,777	13,833	13,888	13,944	13,999	14,055	14,110
260	14,110	14,166	14,221	14,277	14,332	14,388	14,443	14,499	14,554	14,609	14,665
270	14,665	14,720	14,776	14,831	14,887	14,942	14,998	15,053	15,109	15,164	15,219
280	15,219	15,275	15,330	15,386	15,441	15,496	15,552	15,607	15,663	15,718	15,773
290	15,773	15,829	15,884	15,940	15,995	16,050	16,106	16,161	16,216	16,272	16,327
300	16,327	16,383	16,438	16,493	16,549	16,604	16,659	16,715	16,770	16,825	16,881
310	16,881	16,936	16,991	17,046	17,102	17,157	17,212	17,268	17,323	17,378	17,434
320	17,434	17,489	17,544	17,599	17,655	17,710	17,765	17,820	17,876	17,931	17,986
330	17,986	18,041	18,097	18,152	18,207	18,262	18,318	18,373	18,428	18,483	18,538
340	18,538	18,594	18,649	18,704	18,759	18,814	18,870	18,925	18,980	19,035	19,090
350	19,090	19,146	19,201	19,256	19,311	19,366	19,422	19,477	19,532	19,587	19,642
360	19,642	19,697	19,753	19,808	19,863	19,918	19,973	20,028	20,083	20,139	20,194
370	20,194	20,249	20,304	20,359	20,414	20,469	20,525	20,580	20,635	20,690	20,745
380	20,745	20,800	20,855	20,911	20,966	21,021	21,076	21,131	21,186	21,241	21,297
390	21,297	21,352	21,407	21,462	21,517	21,572	21,627	21,683	21,738	21,793	21,848
400	21,848	21,903	21,958	22,014	22,069	22,124	22,179	22,234	22,289	22,345	22,400
410	22,400	22,455	22,510	22,565	22,620	22,676	22,731	22,786	22,841	22,896	22,952
420	22,952	23,007	23,062	23,117	23,172	23,228	23,283	23,338	23,393	23,449	23,504
430	23,504	23,559	23,614	23,670	23,725	23,780	23,835	23,891	23,946	24,001	24,057
440	24,057	24,112	24,167	24,223	24,278	24,333	24,389	24,444	24,499	24,555	24,610
450	24,610	24,665	24,721	24,776	24,832	24,887	24,943	24,998	25,053	25,109	25,164
460	25,164	25,220	25,275	25,331	25,386	25,442	25,497	25,553	25,608	25,664	25,720
470	25,720	25,775	25,831	25,886	25,942	25,998	26,053	26,109	26,165	26,220	26,276
480	26,276	26,332	26,387	26,443	26,499	26,555	26,610	26,666	26,722	26,778	26,834
490	26,834	26,889	26,945	27,001	27,057	27,113	27,169	27,225	27,281	27,337	27,393
500	27,393	27,449	27,505	27,561	27,617	27,673	27,729	27,785	27,841	27,897	27,953
510	27,953	28,010	28,066	28,122	28,178	28,234	28,291	28,347	28,403	28,460	28,516
520	28,516	28,572	28,629	28,685	28,741	28,798	28,854	28,911	28,967	29,024	29,080
530	29,080	29,137	29,194	29,250	29,307	29,363	29,420	29,477	29,534	29,590	29,647
540	29,647	29,704	29,761	29,818	29,874	29,931	29,988	30,045	30,102	30,159	30,216
550	30,216	30,273	30,330	30,387	30,444	30,502	30,559	30,616	30,673	30,730	30,788
560	30,788	30,845	30,902	30,960	31,017	31,074	31,132	31,189	31,247	31,304	31,362
570	31,362	31,419	31,477	31,535	31,592	31,650	31,708	31,766	31,823	31,881	31,939
580	31,939	31,997	32,055	32,113	32,171	32,229	32,287	32,345	32,403	32,461	32,519
590	32,519	32,577	32,636	32,694	32,752	32,810	32,869	32,927	32,985	33,044	33,102
600	33,102	33,161	33,219	33,278	33,337	33,395	33,454	33,513	33,571	33,630	33,689
610	33,689	33,748	33,807	33,866	33,925	33,984	34,043	34,102	34,161	34,220	34,279
620	34,279	34,338	34,397	34,457	34,516	34,575	34,635	34,694	34,754	34,813	34,873
630	34,873	34,932	34,992	35,051	35,111	35,171	35,230	35,290	35,350	35,410	35,470
640	35,470	35,530	35,590	35,650	35,710	35,770	35,830	35,890	35,950	36,010	36,071
650	36,071	36,131	36,191	36,252	36,312	36,373	36,433	36,494	36,554	36,615	36,675
660	36,675	36,736	36,797	36,858	36,918	36,979	37,040	37,101	37,162	37,223	37,284
670	37,284	37,345	37,406	37,467	37,528	37,590	37,651	37,712	37,773	37,835	37,896
680	37,896	37,958	38,019	38,081	38,142	38,204	38,265	38,327	38,389	38,450	38,512
690	38,512	38,574	38,636	38,698	38,760	38,822	38,884	38,946	39,008	39,070	39,132
700	39,132	39,194	39,256	39,318	39,381	39,443	39,505	39,568	39,630	39,693	39,755
710	39,755	39,818	39,880	39,943	40,005	40,068	40,131	40,193	40,256	40,319	40,382

	0	1	2	3	4	5	6	7	8	9	10
720	40,382	40,445	40,508	40,570	40,633	40,696	40,759	40,822	40,886	40,949	41,012
730	41,012	41,075	41,138	41,201	41,265	41,328	41,391	41,455	41,518	41,581	41,645
740	41,645	41,708	41,772	41,835	41,899	41,962	42,026	42,090	42,153	42,217	42,281
750	42,281	42,344	42,408	42,472	42,536	42,599	42,663	42,727	42,791	42,855	42,919
760	42,919	42,983	43,047	43,111	43,175	43,239	43,303	43,367	43,431	43,495	43,559
770	43,559	43,624	43,688	43,752	43,817	43,881	43,945	44,010	44,074	44,139	44,203
780	44,203	44,267	44,332	44,396	44,461	44,525	44,590	44,655	44,719	44,784	44,848
790	44,848	44,913	44,977	45,042	45,107	45,171	45,236	45,301	45,365	45,430	45,494
800	45,494	45,559	45,624	45,688	45,753	45,818	45,882	45,947	46,011	46,076	46,141
810	46,141	46,205	46,270	46,334	46,399	46,464	46,528	46,593	46,657	46,722	46,786
820	46,786	46,851	46,915	46,980	47,044	47,109	47,173	47,238	47,302	47,367	47,431
830	47,431	47,495	47,560	47,624	47,688	47,753	47,817	47,881	47,946	48,010	48,074
840	48,074	48,138	48,202	48,267	48,331	48,395	48,459	48,523	48,587	48,651	48,715
850	48,715	48,779	48,843	48,907	48,971	49,034	49,098	49,162	49,226	49,290	49,353
860	49,353	49,417	49,481	49,544	49,608	49,672	49,735	49,799	49,862	49,926	49,989
870	49,989	50,052	50,116	50,179	50,243	50,306	50,369	50,432	50,495	50,559	50,622
880	50,622	50,685	50,748	50,811	50,874	50,937	51,000	51,063	51,126	51,188	51,251
890	51,251	51,314	51,377	51,439	51,502	51,565	51,627	51,690	51,752	51,815	51,877
900	51,877	51,940	52,002	52,064	52,127	52,189	52,251	52,314	52,376	52,438	52,500
910	52,500	52,562	52,624	52,686	52,748	52,810	52,872	52,934	52,996	53,057	53,119
920	53,119	53,181	53,243	53,304	53,366	53,427	53,489	53,550	53,612	53,673	53,735
930	53,735	53,796	53,857	53,919	53,980	54,041	54,102	54,164	54,225	54,286	54,347
940	54,347	54,408	54,469	54,530	54,591	54,652	54,713	54,773	54,834	54,895	54,956
950	54,956	55,016	55,077	55,138	55,198	55,259	55,319	55,380	55,440	55,501	55,561
960	55,561	55,622	55,682	55,742	55,803	55,863	55,923	55,983	56,043	56,104	56,164
970	56,164	56,224	56,284	56,344	56,404	56,464	56,524	56,584	56,643	56,703	56,763
980	56,763	56,823	56,883	56,942	57,002	57,062	57,121	57,181	57,240	57,300	57,360
990	57,360	57,419	57,479	57,538	57,597	57,657	57,716	57,776	57,835	57,894	57,953
1000	57,953	58,013	58,072	58,131	58,190	58,249	58,309	58,368	58,427	58,486	58,545
1010	58,545	58,604	58,663	58,722	58,781	58,840	58,899	58,957	59,016	59,075	59,134
1020	59,134	59,193	59,252	59,310	59,369	59,428	59,487	59,545	59,604	59,663	59,721
1030	59,721	59,780	59,838	59,897	59,956	60,014	60,073	60,131	60,190	60,248	60,307
1040	60,307	60,365	60,423	60,482	60,540	60,599	60,657	60,715	60,774	60,832	60,890
1050	60,890	60,949	61,007	61,065	61,123	61,182	61,240	61,298	61,356	61,415	61,473
1060	61,473	61,531	61,589	61,647	61,705	61,763	61,822	61,880	61,938	61,996	62,054
1070	62,054	62,112	62,170	62,228	62,286	62,344	62,402	62,460	62,518	62,576	62,634
1080	62,634	62,692	62,750	62,808	62,866	62,924	62,982	63,040	63,098	63,156	63,214
1090	63,214	63,271	63,329	63,387	63,445	63,503	63,561	63,619	63,677	63,734	63,792
1100	63,792	63,850	63,908	63,966	64,024	64,081	64,139	64,197	64,255	64,313	64,370
1110	64,370	64,428	64,486	64,544	64,602	64,659	64,717	64,775	64,833	64,890	64,948
1120	64,948	65,006	65,064	65,121	65,179	65,237	65,295	65,352	65,410	65,468	65,525
1130	65,525	65,583	65,641	65,699	65,756	65,814	65,872	65,929	65,987	66,045	66,102
1140	66,102	66,160	66,218	66,275	66,333	66,391	66,448	66,506	66,564	66,621	66,679
1150	66,679	66,737	66,794	66,852	66,910	66,967	67,025	67,082	67,140	67,198	67,255
1160	67,255	67,313	67,370	67,428	67,486	67,543	67,601	67,658	67,716	67,773	67,831
1170	67,831	67,888	67,946	68,003	68,061	68,119	68,176	68,234	68,291	68,348	68,406
1180	68,406	68,463	68,521	68,578	68,636	68,693	68,751	68,808	68,865	68,923	68,980
1190	68,980	69,037	69,095	69,152	69,209	69,267	69,324	69,381	69,439	69,496	69,553

Thermoelement Typ K

(Thermospannung in mV, bezogen auf eine Vergleichsstellentemperatur von 0°C)

	0	1	2	3	4	5	6	7	8	9	10
-270	-6,458	-6,457	-6,456	-6,455	-6,453	-6,452	-6,450	-6,448	-6,446	-6,444	-6,441
-260	-6,441	-6,438	-6,435	-6,432	-6,429	-6,425	-6,421	-6,417	-6,413	-6,408	-6,404
-250	-6,404	-6,399	-6,393	-6,388	-6,382	-6,377	-6,370	-6,364	-6,358	-6,351	-6,344
-240	-6,344	-6,337	-6,329	-6,322	-6,314	-6,306	-6,297	-6,289	-6,280	-6,271	-6,262
-230	-6,262	-6,252	-6,243	-6,233	-6,223	-6,213	-6,202	-6,192	-6,181	-6,170	-6,158
-220	-6,158	-6,147	-6,135	-6,123	-6,111	-6,099	-6,087	-6,074	-6,061	-6,048	-6,035
-210	-6,035	-6,021	-6,007	-5,994	-5,980	-5,965	-5,951	-5,936	-5,922	-5,907	-5,891
-200	-5,891	-5,876	-5,861	-5,845	-5,829	-5,813	-5,797	-5,780	-5,763	-5,747	-5,730
-190	-5,730	-5,713	-5,695	-5,678	-5,660	-5,642	-5,624	-5,606	-5,588	-5,569	-5,550
-180	-5,550	-5,531	-5,512	-5,493	-5,474	-5,454	-5,435	-5,415	-5,395	-5,374	-5,354
-170	-5,354	-5,333	-5,313	-5,292	-5,271	-5,250	-5,228	-5,207	-5,185	-5,163	-5,141
-160	-5,141	-5,119	-5,097	-5,074	-5,052	-5,029	-5,006	-4,983	-4,960	-4,936	-4,913
-150	-4,913	-4,889	-4,865	-4,841	-4,817	-4,793	-4,768	-4,744	-4,719	-4,694	-4,669
-140	-4,669	-4,644	-4,618	-4,593	-4,567	-4,542	-4,516	-4,490	-4,463	-4,437	-4,411
-130	-4,411	-4,384	-4,357	-4,330	-4,303	-4,276	-4,249	-4,221	-4,194	-4,166	-4,138
-120	-4,138	-4,110	-4,082	-4,054	-4,025	-3,997	-3,968	-3,939	-3,911	-3,882	-3,852
-110	-3,852	-3,823	-3,794	-3,764	-3,734	-3,705	-3,675	-3,645	-3,614	-3,584	-3,554
-100	-3,554	-3,523	-3,492	-3,462	-3,431	-3,400	-3,368	-3,337	-3,306	-3,274	-3,243
-90	-3,243	-3,211	-3,179	-3,147	-3,115	-3,083	-3,050	-3,018	-2,986	-2,953	-2,920
-80	-2,920	-2,887	-2,854	-2,821	-2,788	-2,755	-2,721	-2,688	-2,654	-2,620	-2,587
-70	-2,587	-2,553	-2,519	-2,485	-2,450	-2,416	-2,382	-2,347	-2,312	-2,278	-2,243
-60	-2,243	-2,208	-2,173	-2,138	-2,103	-2,067	-2,032	-1,996	-1,961	-1,925	-1,889
-50	-1,889	-1,854	-1,818	-1,782	-1,745	-1,709	-1,673	-1,637	-1,600	-1,564	-1,527
-40	-1,527	-1,490	-1,453	-1,417	-1,380	-1,343	-1,305	-1,268	-1,231	-1,194	-1,156
-30	-1,156	-1,119	-1,081	-1,043	-1,006	-0,968	-0,930	-0,892	-0,854	-0,816	-0,778
-20	-0,778	-0,739	-0,701	-0,663	-0,624	-0,586	-0,547	-0,508	-0,470	-0,431	-0,392
-10	-0,392	-0,353	-0,314	-0,275	-0,236	-0,197	-0,157	-0,118	-0,079	-0,039	0,000
0	0,000	0,075	0,114	0,154	0,193	0,233	0,273	0,313	0,352	0,392	0,432
10	0,432	0,472	0,512	0,552	0,592	0,632	0,672	0,713	0,753	0,793	0,833
20	0,833	0,874	0,914	0,954	0,995	1,035	1,076	1,117	1,157	1,198	1,238
30	1,238	1,279	1,320	1,361	1,402	1,442	1,483	1,524	1,565	1,606	1,647
40	1,647	1,688	1,729	1,770	1,811	1,852	1,893	1,935	1,976	2,017	2,058

	0	1	2	3	4	5	6	7	8	9	10
50	2,058	2,100	2,141	2,182	2,223	2,265	2,306	2,347	2,389	2,430	2,472
60	2,472	2,513	2,555	2,596	2,637	2,679	2,720	2,762	2,803	2,845	2,886
70	2,886	2,928	2,970	3,011	3,053	3,094	3,136	3,177	3,219	3,260	3,302
80	3,302	3,343	3,385	3,426	3,468	3,510	3,551	3,593	3,634	3,676	3,717
90	3,717	3,759	3,800	3,842	3,883	3,924	3,966	4,007	4,049	4,090	4,131
100	4,131	4,173	4,214	4,255	4,297	4,338	4,379	4,421	4,462	4,503	4,544
110	4,544	4,585	4,627	4,668	4,709	4,750	4,791	4,832	4,873	4,914	4,955
120	4,955	4,996	5,037	5,078	5,119	5,160	5,200	5,241	5,282	5,323	5,364
130	5,364	5,404	5,445	5,486	5,526	5,567	5,608	5,648	5,689	5,729	5,770
140	5,770	5,810	5,851	5,891	5,932	5,972	6,012	6,053	6,093	6,133	6,174
150	6,174	6,214	6,254	6,294	6,335	6,375	6,415	6,455	6,495	6,535	6,575
160	6,575	6,616	6,656	6,696	6,736	6,776	6,816	6,856	6,896	6,936	6,976
170	6,976	7,016	7,056	7,096	7,136	7,176	7,216	7,255	7,295	7,335	7,375
180	7,375	7,415	7,455	7,495	7,535	7,575	7,615	7,655	7,695	7,734	7,774
190	7,774	7,814	7,854	7,894	7,934	7,974	8,014	8,054	8,094	8,134	8,174
200	8,174	8,214	8,254	8,294	8,334	8,374	8,414	8,454	8,494	8,534	8,574
210	8,574	8,614	8,654	8,694	8,734	8,774	8,814	8,855	8,895	8,935	8,975
220	8,975	9,015	9,056	9,096	9,136	9,176	9,217	9,257	9,297	9,338	9,378
230	9,378	9,418	9,459	9,499	9,539	9,580	9,620	9,661	9,701	9,742	9,782
240	9,782	9,823	9,863	9,904	9,945	9,985	10,026	10,067	10,107	10,148	10,189
250	10,189	10,229	10,270	10,311	10,352	10,392	10,433	10,474	10,515	10,556	10,597
260	10,597	10,637	10,678	10,719	10,760	10,801	10,842	10,883	10,924	10,965	11,006
270	11,006	11,047	11,088	11,129	11,170	11,212	11,253	11,294	11,335	11,376	11,417
280	11,417	11,459	11,500	11,541	11,582	11,623	11,665	11,706	11,747	11,789	11,830
290	11,830	11,871	11,913	11,954	11,995	12,037	12,078	12,119	12,161	12,202	12,244
300	12,244	12,285	12,327	12,368	12,410	12,451	12,493	12,534	12,576	12,617	12,659
310	12,659	12,700	12,742	12,783	12,825	12,867	12,908	12,950	12,992	13,033	13,075
320	13,075	13,116	13,158	13,200	13,242	13,283	13,325	13,367	13,408	13,450	13,492
330	13,492	13,534	13,575	13,617	13,659	13,701	13,742	13,784	13,826	13,868	13,910
340	13,910	13,952	13,993	14,035	14,077	14,119	14,161	14,203	14,245	14,286	14,328
350	14,328	14,370	14,412	14,454	14,496	14,538	14,580	14,622	14,664	14,706	14,748
360	14,748	14,790	14,832	14,874	14,916	14,958	15,000	15,042	15,084	15,126	15,168
370	15,168	15,210	15,252	15,294	15,336	15,378	15,420	15,462	15,505	15,547	15,589
380	15,589	15,631	15,673	15,715	15,757	15,799	15,842	15,884	15,926	15,968	16,010
390	16,010	16,052	16,095	16,137	16,179	16,221	16,263	16,306	16,348	16,390	16,432

	0	1	2	3	4	5	6	7	8	9	10
400	16,432	16,475	16,517	16,559	16,601	16,644	16,686	16,728	16,770	16,813	16,855
410	16,855	16,897	16,940	16,982	17,024	17,067	17,109	17,151	17,194	17,236	17,278
420	17,278	17,321	17,363	17,405	17,448	17,490	17,532	17,575	17,617	17,660	17,702
430	17,702	17,744	17,787	17,829	17,872	17,914	17,957	17,999	18,041	18,084	18,126
440	18,126	18,169	18,211	18,254	18,296	18,339	18,381	18,424	18,466	18,509	18,551
450	18,551	18,594	18,636	18,678	18,721	18,764	18,806	18,849	18,891	18,934	18,976
460	18,976	19,019	19,061	19,104	19,146	19,189	19,231	19,274	19,316	19,359	19,402
470	19,402	19,444	19,487	19,529	19,572	19,614	19,657	19,700	19,742	19,785	19,827
480	19,827	19,870	19,912	19,955	19,998	20,040	20,083	20,125	20,168	20,211	20,253
490	20,253	20,296	20,339	20,381	20,424	20,466	20,509	20,552	20,594	20,637	20,679
500	20,679	20,722	20,765	20,807	20,850	20,893	20,935	20,978	21,021	21,063	21,106
510	21,106	21,148	21,191	21,234	21,276	21,319	21,362	21,404	21,447	21,490	21,532
520	21,532	21,575	21,618	21,660	21,703	21,746	21,788	21,831	21,873	21,916	21,959
530	21,959	22,001	22,044	22,087	22,129	22,172	22,215	22,257	22,300	22,343	22,385
540	22,385	22,428	22,471	22,513	22,556	22,598	22,641	22,684	22,726	22,769	22,812
550	22,812	22,854	22,897	22,940	22,982	23,025	23,067	23,110	23,153	23,195	23,238
560	23,238	23,281	23,323	23,366	23,408	23,451	23,494	23,536	23,579	23,621	23,664
570	23,664	23,707	23,749	23,792	23,834	23,877	23,920	23,962	24,005	24,047	24,090
580	24,090	24,132	24,175	24,218	24,260	24,303	24,345	24,388	24,430	24,473	24,515
590	24,515	24,558	24,601	24,643	24,686	24,728	24,771	24,813	24,856	24,898	24,941
600	24,941	24,983	25,026	25,068	25,111	25,153	25,196	25,238	25,281	25,323	25,366
610	25,366	25,408	25,450	25,493	25,535	25,578	25,620	25,663	25,705	25,748	25,790
620	25,790	25,832	25,875	25,917	25,960	26,002	26,044	26,087	26,129	26,171	26,214
630	26,214	26,256	26,299	26,341	26,383	26,426	26,468	26,510	26,553	26,595	26,637
640	26,637	26,680	26,722	26,764	26,806	26,849	26,891	26,933	26,976	27,018	27,060
650	27,060	27,102	27,145	27,187	27,229	27,271	27,313	27,356	27,398	27,440	27,482
660	27,482	27,524	27,567	27,609	27,651	27,693	27,735	27,777	27,820	27,862	27,904
670	27,904	27,946	27,988	28,030	28,072	28,114	28,156	28,198	28,241	28,283	28,325
680	28,325	28,367	28,409	28,451	28,493	28,535	28,577	28,619	28,661	28,703	28,745
690	28,745	28,787	28,829	28,871	28,913	28,955	28,997	29,038	29,080	29,122	29,164
700	29,164	29,206	29,248	29,290	29,332	29,374	29,415	29,457	29,499	29,541	29,583
710	29,583	29,625	29,666	29,708	29,750	29,792	29,834	29,875	29,917	29,959	30,001
720	30,001	30,042	30,084	30,126	30,167	30,209	30,251	30,292	30,334	30,376	30,417
730	30,417	30,459	30,501	30,542	30,584	30,626	30,667	30,709	30,750	30,792	30,833
740	30,833	30,875	30,917	30,958	31,000	31,041	31,083	31,124	31,166	31,207	31,249

	0	1	2	3	4	5	6	7	8	9	10
750	31,249	31,290	31,332	31,373	31,414	31,456	31,497	31,539	31,580	31,622	31,663
760	31,663	31,704	31,746	31,787	31,828	31,870	31,911	31,952	31,994	32,035	32,076
770	32,076	32,118	32,159	32,200	32,241	32,283	32,324	32,365	32,406	32,447	32,489
780	32,489	32,530	32,571	32,612	32,653	32,694	32,736	32,777	32,818	32,859	32,900
790	32,900	32,941	32,982	33,023	33,064	33,105	33,147	33,188	33,229	33,270	33,311
800	33,311	33,352	33,393	33,434	33,475	33,515	33,556	33,597	33,638	33,679	33,720
810	33,720	33,761	33,802	33,843	33,884	33,924	33,965	34,006	34,047	34,088	34,129
820	34,129	34,169	34,210	34,251	34,292	34,333	34,373	34,414	34,455	34,495	34,536
830	34,536	34,577	34,618	34,658	34,699	34,740	34,780	34,821	34,862	34,902	34,943
840	34,943	34,983	35,024	35,065	35,105	35,146	35,186	35,227	35,267	35,308	35,348
850	35,348	35,389	35,429	35,470	35,510	35,551	35,591	35,632	35,672	35,712	35,753
860	35,753	35,793	35,834	35,874	35,914	35,955	35,995	36,035	36,076	36,116	36,156
870	36,156	36,197	36,237	36,277	36,318	36,358	36,398	36,438	36,479	36,519	36,559
880	36,559	36,599	36,639	36,680	36,720	36,760	36,800	36,840	36,880	36,920	36,961
890	36,961	37,001	37,041	37,081	37,121	37,161	37,201	37,241	37,281	37,321	37,361
900	37,361	37,401	37,441	37,481	37,521	37,561	37,601	37,641	37,681	37,721	37,761
910	37,761	37,801	37,840	37,880	37,920	37,960	38,000	38,040	38,080	38,119	38,159
920	38,159	38,199	38,239	38,279	38,318	38,358	38,398	38,438	38,477	38,517	38,557
930	38,557	38,596	38,636	38,676	38,715	38,755	38,795	38,834	38,874	38,914	38,953
940	38,953	38,993	39,032	39,072	39,112	39,151	39,191	39,230	39,270	39,309	39,349
950	39,349	39,388	39,428	39,467	39,507	39,546	39,586	39,625	39,664	39,704	39,743
960	39,743	39,783	39,822	39,861	39,901	39,940	39,979	40,019	40,058	40,097	40,137
970	40,137	40,176	40,215	40,254	40,294	40,333	40,372	40,411	40,451	40,490	40,529
980	40,529	40,568	40,607	40,647	40,686	40,725	40,764	40,803	40,842	40,881	40,920
990	40,920	40,960	40,999	41,038	41,077	41,116	41,155	41,194	41,233	41,272	41,311
1000	41,311	41,350	41,389	41,428	41,467	41,506	41,545	41,583	41,622	41,661	41,700
1010	41,700	41,739	41,778	41,817	41,856	41,894	41,933	41,972	42,011	42,050	42,088
1020	42,088	42,127	42,166	42,205	42,243	42,282	42,321	42,359	42,398	42,437	42,475
1030	42,475	42,514	42,553	42,591	42,630	42,669	42,707	42,746	42,784	42,823	42,862
1040	42,862	42,900	42,939	42,977	43,016	43,054	43,093	43,131	43,170	43,208	43,246
1050	43,246	43,285	43,323	43,362	43,400	43,439	43,477	43,515	43,554	43,592	43,630
1060	43,630	43,669	43,707	43,745	43,783	43,822	43,860	43,898	43,937	43,975	44,013
1070	44,013	44,051	44,089	44,128	44,166	44,204	44,242	44,280	44,318	44,356	44,394
1080	44,394	44,433	44,471	44,509	44,547	44,585	44,623	44,661	44,699	44,737	44,775
1090	44,775	44,813	44,851	44,889	44,927	44,965	45,002	45,040	45,078	45,116	45,154

Thermoelement Typ L

(Thermospannung in mV, bezogen auf eine Vergleichsstellentemperatur von 0°C)

°C	0	-10	-20	-30	-40	-50	-60	-70	-80	-90
-200	-5,700	-	-	-	-	-	-	-	-	-
-100	-3,400	-3,680	-3,950	-4,210	-4,460	-4,690	-4,910	-5,120	-5,320	-5,510
0	0,000	-0,390	-0,770	-1,140	-1,500	-1,850	-2,180	-2,500	-2,810	-3,110
°C	0	10	20	30	40	50	60	70	80	90
0	0,000	0,400	0,800	1,210	1,630	2,050	2,480	2,910	3,350	3,800
100	4,250	4,710	5,180	5,650	6,130	6,620	7,120	7,630	8,150	8,670
200	9,200	9,740	10,290	10,850	11,410	11,980	12,550	13,130	13,710	14,300
300	14,900	15,500	16,100	16,700	17,310	17,920	18,530	19,140	19,760	20,380
400	21,000	21,620	22,250	22,880	23,510	24,150	24,790	25,440	26,090	26,750
500	27,410	28,080	28,750	29,430	30,110	30,800	31,490	32,190	32,890	33,600

Thermoelement Typ N

(Thermospannung in mV, bezogen auf eine Vergleichsstellentemperatur von 0°C)

	0	1	2	3	4	5	6	7	8	9	10
-270	-4,345	-4,345	-4,344	-4,344	-4,343	-4,342	-4,341	-4,340	-4,339	-4,337	-4,336
-260	-4,336	-4,334	-4,332	-4,330	-4,328	-4,326	-4,324	-4,321	-4,319	-4,316	-4,313
-250	-4,313	-4,310	-4,307	-4,304	-4,300	-4,297	-4,293	-4,289	-4,285	-4,281	-4,277
-240	-4,277	-4,273	-4,268	-4,263	-4,258	-4,254	-4,248	-4,243	-4,238	-4,232	-4,226
-230	-4,226	-4,221	-4,215	-4,209	-4,202	-4,196	-4,189	-4,183	-4,176	-4,169	-4,162
-220	-4,162	-4,154	-4,147	-4,140	-4,132	-4,124	-4,116	-4,108	-4,100	-4,091	-4,083
-210	-4,083	-4,074	-4,066	-4,057	-4,048	-4,038	-4,029	-4,020	-4,010	-4,000	-3,990
-200	-3,990	-3,980	-3,970	-3,960	-3,950	-3,939	-3,928	-3,918	-3,907	-3,896	-3,884
-190	-3,884	-3,873	-3,862	-3,850	-3,838	-3,827	-3,815	-3,803	-3,790	-3,778	-3,766
-180	-3,766	-3,753	-3,740	-3,728	-3,715	-3,702	-3,688	-3,675	-3,662	-3,648	-3,634
-170	-3,634	-3,621	-3,607	-3,593	-3,578	-3,564	-3,550	-3,535	-3,521	-3,506	-3,491
-160	-3,491	-3,476	-3,461	-3,446	-3,431	-3,415	-3,400	-3,384	-3,368	-3,352	-3,336
-150	-3,336	-3,320	-3,304	-3,288	-3,271	-3,255	-3,238	-3,221	-3,205	-3,188	-3,171
-140	-3,171	-3,153	-3,136	-3,119	-3,101	-3,084	-3,066	-3,048	-3,030	-3,012	-2,994
-130	-2,994	-2,976	-2,958	-2,939	-2,921	-2,902	-2,883	-2,865	-2,846	-2,827	-2,808
-120	-2,808	-2,789	-2,769	-2,750	-2,730	-2,711	-2,691	-2,672	-2,652	-2,632	-2,612
-110	-2,612	-2,592	-2,571	-2,551	-2,531	-2,510	-2,490	-2,469	-2,448	-2,428	-2,407
-100	-2,407	-2,386	-2,365	-2,344	-2,322	-2,301	-2,280	-2,258	-2,237	-2,215	-2,193
-90	-2,193	-2,172	-2,150	-2,128	-2,106	-2,084	-2,062	-2,039	-2,017	-1,995	-1,972
-80	-1,972	-1,950	-1,927	-1,905	-1,882	-1,859	-1,836	-1,813	-1,790	-1,767	-1,744
-70	-1,744	-1,721	-1,698	-1,674	-1,651	-1,627	-1,604	-1,580	-1,557	-1,533	-1,509
-60	-1,509	-1,485	-1,462	-1,438	-1,414	-1,390	-1,366	-1,341	-1,317	-1,293	-1,269
-50	-1,269	-1,244	-1,220	-1,195	-1,171	-1,146	-1,122	-1,097	-1,072	-1,048	-1,023
-40	-1,023	-0,998	-0,973	-0,948	-0,923	-0,898	-0,873	-0,848	-0,823	-0,798	-0,772
-30	-0,772	-0,747	-0,722	-0,696	-0,671	-0,646	-0,620	-0,595	-0,569	-0,544	-0,518
-20	-0,518	-0,492	-0,467	-0,441	-0,415	-0,390	-0,364	-0,338	-0,312	-0,286	-0,260
-10	-0,260	-0,234	-0,209	-0,183	-0,157	-0,131	-0,104	-0,078	-0,052	-0,026	0,000
0	0,000	0,026	0,052	0,078	0,104	0,130	0,156	0,182	0,208	0,235	0,261
10	0,261	0,287	0,313	0,340	0,366	0,393	0,419	0,446	0,472	0,499	0,525
20	0,525	0,552	0,578	0,605	0,632	0,659	0,685	0,712	0,739	0,766	0,793
30	0,793	0,820	0,847	0,874	0,901	0,928	0,955	0,983	1,010	1,037	1,065
40	1,065	1,092	1,119	1,147	1,174	1,202	1,229	1,257	1,284	1,312	1,340

	0	1	2	3	4	5	6	7	8	9	10
50	1,340	1,368	1,395	1,423	1,451	1,479	1,507	1,535	1,563	1,591	1,619
60	1,619	1,647	1,675	1,703	1,732	1,760	1,788	1,817	1,845	1,873	1,902
70	1,902	1,930	1,959	1,988	2,016	2,045	2,074	2,102	2,131	2,160	2,189
80	2,189	2,218	2,247	2,276	2,305	2,334	2,363	2,392	2,421	2,450	2,480
90	2,480	2,509	2,538	2,568	2,597	2,626	2,656	2,685	2,715	2,744	2,774
100	2,774	2,804	2,833	2,863	2,893	2,923	2,953	2,983	3,012	3,042	3,072
110	3,072	3,102	3,133	3,163	3,193	3,223	3,253	3,283	3,314	3,344	3,374
120	3,374	3,405	3,435	3,466	3,496	3,527	3,557	3,588	3,619	3,649	3,680
130	3,680	3,711	3,742	3,772	3,803	3,834	3,865	3,896	3,927	3,958	3,989
140	3,989	4,020	4,051	4,083	4,114	4,145	4,176	4,208	4,239	4,270	4,302
150	4,302	4,333	4,365	4,396	4,428	4,459	4,491	4,523	4,554	4,586	4,618
160	4,618	4,650	4,681	4,713	4,745	4,777	4,809	4,841	4,873	4,905	4,937
170	4,937	4,969	5,001	5,033	5,066	5,098	5,130	5,162	5,195	5,227	5,259
180	5,259	5,292	5,324	5,357	5,389	5,422	5,454	5,487	5,520	5,552	5,585
190	5,585	5,618	5,650	5,683	5,716	5,749	5,782	5,815	5,847	5,880	5,913
200	5,913	5,946	5,979	6,013	6,046	6,079	6,112	6,145	6,178	6,211	6,245
210	6,245	6,278	6,311	6,345	6,378	6,411	6,445	6,478	6,512	6,545	6,579
220	6,579	6,612	6,646	6,680	6,713	6,747	6,781	6,814	6,848	6,882	6,916
230	6,916	6,949	6,983	7,017	7,051	7,085	7,119	7,153	7,187	7,221	7,255
240	7,255	7,289	7,323	7,357	7,392	7,426	7,460	7,494	7,528	7,563	7,597
250	7,597	7,631	7,666	7,700	7,734	7,769	7,803	7,838	7,872	7,907	7,941
260	7,941	7,976	8,010	8,045	8,080	8,114	8,149	8,184	8,218	8,253	8,288
270	8,288	8,323	8,358	8,392	8,427	8,462	8,497	8,532	8,567	8,602	8,637
280	8,637	8,672	8,707	8,742	8,777	8,812	8,847	8,882	8,918	8,953	8,988
290	8,988	9,023	9,058	9,094	9,129	9,164	9,200	9,235	9,270	9,306	9,341
300	9,341	9,377	9,412	9,448	9,483	9,519	9,554	9,590	9,625	9,661	9,696
310	9,696	9,732	9,768	9,803	9,839	9,875	9,910	9,946	9,982	10,018	10,054
320	10,054	10,089	10,125	10,161	10,197	10,233	10,269	10,305	10,341	10,377	10,413
330	10,413	10,449	10,485	10,521	10,557	10,593	10,629	10,665	10,701	10,737	10,774
340	10,774	10,810	10,846	10,882	10,918	10,955	10,991	11,027	11,064	11,100	11,136
350	11,136	11,173	11,209	11,245	11,282	11,318	11,355	11,391	11,428	11,464	11,501
360	11,501	11,537	11,574	11,610	11,647	11,683	11,720	11,757	11,793	11,830	11,867
370	11,867	11,903	11,940	11,977	12,013	12,050	12,087	12,124	12,160	12,197	12,234
380	12,234	12,271	12,308	12,345	12,382	12,418	12,455	12,492	12,529	12,566	12,603
390	12,603	12,640	12,677	12,714	12,751	12,788	12,825	12,862	12,899	12,937	12,974

	0	1	2	3	4	5	6	7	8	9	10
400	12,974	13,011	13,048	13,085	13,122	13,159	13,197	13,234	13,271	13,308	13,346
410	13,346	13,383	13,420	13,457	13,495	13,532	13,569	13,607	13,644	13,682	13,719
420	13,719	13,756	13,794	13,831	13,869	13,906	13,944	13,981	14,019	14,056	14,094
430	14,094	14,131	14,169	14,206	14,244	14,281	14,319	14,356	14,394	14,432	14,469
440	14,469	14,507	14,545	14,582	14,620	14,658	14,695	14,733	14,771	14,809	14,846
450	14,846	14,884	14,922	14,960	14,998	15,035	15,073	15,111	15,149	15,187	15,225
460	15,225	15,262	15,300	15,338	15,376	15,414	15,452	15,490	15,528	15,566	15,604
470	15,604	15,642	15,680	15,718	15,756	15,794	15,832	15,870	15,908	15,946	15,984
480	15,984	16,022	16,060	16,099	16,137	16,175	16,213	16,251	16,289	16,327	16,366
490	16,366	16,404	16,442	16,480	16,518	16,557	16,595	16,633	16,671	16,710	16,748
500	16,748	16,786	16,824	16,863	16,901	16,939	16,978	17,016	17,054	17,093	17,131
510	17,131	17,169	17,208	17,246	17,285	17,323	17,361	17,400	17,438	17,477	17,515
520	17,515	17,554	17,592	17,630	17,669	17,707	17,746	17,784	17,823	17,861	17,900
530	17,900	17,938	17,977	18,016	18,054	18,093	18,131	18,170	18,208	18,247	18,286
540	18,286	18,324	18,363	18,401	18,440	18,479	18,517	18,556	18,595	18,633	18,672
550	18,672	18,711	18,749	18,788	18,827	18,865	18,904	18,943	18,982	19,020	19,059
560	19,059	19,098	19,136	19,175	19,214	19,253	19,292	19,330	19,369	19,408	19,447
570	19,447	19,485	19,524	19,563	19,602	19,641	19,680	19,718	19,757	19,796	19,835
580	19,835	19,874	19,913	19,952	19,990	20,029	20,068	20,107	20,146	20,185	20,224
590	20,224	20,263	20,302	20,341	20,379	20,418	20,457	20,496	20,535	20,574	20,613
600	20,613	20,652	20,691	20,730	20,769	20,808	20,847	20,886	20,925	20,964	21,003
610	21,003	21,042	21,081	21,120	21,159	21,198	21,237	21,276	21,315	21,354	21,393
620	21,393	21,432	21,471	21,510	21,549	21,588	21,628	21,667	21,706	21,745	21,784
630	21,784	21,823	21,862	21,901	21,940	21,979	22,018	22,058	22,097	22,136	22,175
640	22,175	22,214	22,253	22,292	22,331	22,370	22,410	22,449	22,488	22,527	22,566
650	22,566	22,605	22,644	22,684	22,723	22,762	22,801	22,840	22,879	22,919	22,958
660	22,958	22,997	23,036	23,075	23,115	23,154	23,193	23,232	23,271	23,311	23,350
670	23,350	23,389	23,428	23,467	23,507	23,546	23,585	23,624	23,663	23,703	23,742
680	23,742	23,781	23,820	23,860	23,899	23,938	23,977	24,016	24,056	24,095	24,134
690	24,134	24,173	24,213	24,252	24,291	24,330	24,370	24,409	24,448	24,487	24,527
700	24,527	24,566	24,605	24,644	24,684	24,723	24,762	24,801	24,841	24,880	24,919
710	24,919	24,959	24,998	25,037	25,076	25,116	25,155	25,194	25,233	25,273	25,312
720	25,312	25,351	25,391	25,430	25,469	25,508	25,548	25,587	25,626	25,666	25,705
730	25,705	25,744	25,783	25,823	25,862	25,901	25,941	25,980	26,019	26,058	26,098
740	26,098	26,137	26,176	26,216	26,255	26,294	26,333	26,373	26,412	26,451	26,491

	0	1	2	3	4	5	6	7	8	9	10
750	26,491	26,530	26,569	26,608	26,648	26,687	26,726	26,766	26,805	26,844	26,883
760	26,883	26,923	26,962	27,001	27,041	27,080	27,119	27,158	27,198	27,237	27,276
770	27,276	27,316	27,355	27,394	27,433	27,473	27,512	27,551	27,591	27,630	27,669
780	27,669	27,708	27,748	27,787	27,826	27,866	27,905	27,944	27,983	28,023	28,062
790	28,062	28,101	28,140	28,180	28,219	28,258	28,297	28,337	28,376	28,415	28,455
800	28,455	28,494	28,533	28,572	28,612	28,651	28,690	28,729	28,769	28,808	28,847
810	28,847	28,886	28,926	28,965	29,004	29,043	29,083	29,122	29,161	29,200	29,239
820	29,239	29,279	29,318	29,357	29,396	29,436	29,475	29,514	29,553	29,592	29,632
830	29,632	29,671	29,710	29,749	29,789	29,828	29,867	29,906	29,945	29,985	30,024
840	30,024	30,063	30,102	30,141	30,181	30,220	30,259	30,298	30,337	30,376	30,416
850	30,416	30,455	30,494	30,533	30,572	30,611	30,651	30,690	30,729	30,768	30,807
860	30,807	30,846	30,886	30,925	30,964	31,003	31,042	31,081	31,120	31,160	31,199
870	31,199	31,238	31,277	31,316	31,355	31,394	31,433	31,473	31,512	31,551	31,590
880	31,590	31,629	31,668	31,707	31,746	31,785	31,824	31,863	31,903	31,942	31,981
890	31,981	32,020	32,059	32,098	32,137	32,176	32,215	32,254	32,293	32,332	32,371
900	32,371	32,410	32,449	32,488	32,527	32,566	32,605	32,644	32,683	32,722	32,761
910	32,761	32,800	32,839	32,878	32,917	32,956	32,995	33,034	33,073	33,112	33,151
920	33,151	33,190	33,229	33,268	33,307	33,346	33,385	33,424	33,463	33,502	33,541
930	33,541	33,580	33,619	33,658	33,697	33,736	33,774	33,813	33,852	33,891	33,930
940	33,930	33,969	34,008	34,047	34,086	34,124	34,163	34,202	34,241	34,280	34,319
950	34,319	34,358	34,396	34,435	34,474	34,513	34,552	34,591	34,629	34,668	34,707
960	34,707	34,746	34,785	34,823	34,862	34,901	34,940	34,979	35,017	35,056	35,095
970	35,095	35,134	35,172	35,211	35,250	35,289	35,327	35,366	35,405	35,444	35,482
980	35,482	35,521	35,560	35,598	35,637	35,676	35,714	35,753	35,792	35,831	35,869
990	35,869	35,908	35,946	35,985	36,024	36,062	36,101	36,140	36,178	36,217	36,256
1000	36,256	36,294	36,333	36,371	36,410	36,449	36,487	36,526	36,564	36,603	36,641
1010	36,641	36,680	36,718	36,757	36,796	36,834	36,873	36,911	36,950	36,988	37,027
1020	37,027	37,065	37,104	37,142	37,181	37,219	37,258	37,296	37,334	37,373	37,411
1030	37,411	37,450	37,488	37,527	37,565	37,603	37,642	37,680	37,719	37,757	37,795
1040	37,795	37,834	37,872	37,911	37,949	37,987	38,026	38,064	38,102	38,141	38,179
1050	38,179	38,217	38,256	38,294	38,332	38,370	38,409	38,447	38,485	38,524	38,562
1060	38,562	38,600	38,638	38,677	38,715	38,753	38,791	38,829	38,868	38,906	38,944
1070	38,944	38,982	39,020	39,059	39,097	39,135	39,173	39,211	39,249	39,287	39,326
1080	39,326	39,364	39,402	39,440	39,478	39,516	39,554	39,592	39,630	39,668	39,706
1090	39,706	39,744	39,783	39,821	39,859	39,897	39,935	39,973	40,011	40,049	40,087

	0	1	2	3	4	5	6	7	8	9	10
1100	40,087	40,125	40,163	40,201	40,238	40,276	40,314	40,352	40,390	40,428	40,466
1110	40,466	40,504	40,542	40,580	40,618	40,655	40,693	40,731	40,769	40,807	40,845
1120	40,845	40,883	40,920	40,958	40,996	41,034	41,072	41,109	41,147	41,185	41,223
1130	41,223	41,260	41,298	41,336	41,374	41,411	41,449	41,487	41,525	41,562	41,600
1140	41,600	41,638	41,675	41,713	41,751	41,788	41,826	41,864	41,901	41,939	41,976
1150	41,976	42,014	42,052	42,089	42,127	42,164	42,202	42,239	42,277	42,314	42,352
1160	42,352	42,390	42,427	42,465	42,502	42,540	42,577	42,614	42,652	42,689	42,727
1170	42,727	42,764	42,802	42,839	42,877	42,914	42,951	42,989	43,026	43,064	43,101
1180	43,101	43,138	43,176	43,213	43,250	43,288	43,325	43,362	43,399	43,437	43,474
1190	43,474	43,511	43,549	43,586	43,623	43,660	43,698	43,735	43,772	43,809	43,846
1200	43,846	43,884	43,921	43,958	43,995	44,032	44,069	44,106	44,144	44,181	44,218
1210	44,218	44,255	44,292	44,329	44,366	44,403	44,440	44,477	44,514	44,551	44,588
1220	44,588	44,625	44,662	44,699	44,736	44,773	44,810	44,847	44,884	44,921	44,958
1230	44,958	44,995	45,032	45,069	45,105	45,142	45,179	45,216	45,253	45,290	45,326
1240	45,326	45,363	45,400	45,437	45,474	45,510	45,547	45,584	45,621	45,657	45,694
1250	45,694	45,731	45,767	45,804	45,841	45,877	45,914	45,951	45,987	46,024	46,060
1260	46,060	46,097	46,133	46,170	46,207	46,243	46,280	46,316	46,353	46,389	46,425
1270	46,425	46,462	46,498	46,535	46,571	46,608	46,644	46,680	46,717	46,753	46,789
1280	46,789	46,826	46,862	46,898	46,935	46,971	47,007	47,043	47,079	47,116	47,152
1290	47,152	47,188	47,224	47,260	47,296	47,333	47,369	47,405	47,441	47,477	47,513

Thermolemenet Typ R

(Thermospannung in mV, bezogen auf eine Vergleichsstellentemperatur von 0QC)

	0	1	2	3	4	5	6	7	8	9	10
-50	-0,226	-0,223	-0,219	-0,215	-0,211	-0,208	-0,204	-0,200	-0,196	-0,192	-0,188
-40	-0,188	-0,184	-0,180	-0,175	-0,171	-0,167	-0,163	-0,158	-0,154	-0,150	-0,145
-30	-0,145	-0,141	-0,137	-0,132	-0,128	-0,123	-0,119	-0,114	-0,109	-0,105	-0,100
-20	-0,100	-0,095	-0,091	-0,086	-0,081	-0,076	-0,071	-0,066	-0,061	-0,056	-0,051
-10	-0,051	-0,046	-0,041	-0,036	-0,031	-0,026	-0,021	-0,016	-0,011	-0,005	0,000
0	0,000	0,005	0,011	0,016	0,021	0,027	0,032	0,038	0,043	0,049	0,054
10	0,054	0,060	0,065	0,071	0,077	0,082	0,088	0,094	0,100	0,105	0,111
20	0,111	0,117	0,123	0,129	0,135	0,141	0,147	0,153	0,159	0,165	0,171
30	0,171	0,177	0,183	0,189	0,195	0,201	0,207	0,214	0,220	0,226	0,232
40	0,232	0,239	0,245	0,251	0,258	0,264	0,271	0,277	0,284	0,290	0,296
50	0,296	0,303	0,310	0,316	0,323	0,329	0,336	0,343	0,349	0,356	0,363
60	0,363	0,369	0,376	0,383	0,390	0,397	0,403	0,410	0,417	0,424	0,431
70	0,431	0,438	0,445	0,452	0,459	0,466	0,473	0,480	0,487	0,494	0,501
80	0,501	0,508	0,516	0,523	0,530	0,537	0,544	0,552	0,559	0,566	0,573
90	0,573	0,581	0,588	0,595	0,603	0,610	0,618	0,625	0,632	0,640	0,647
100	0,647	0,655	0,662	0,670	0,677	0,685	0,693	0,700	0,708	0,715	0,723
110	0,723	0,731	0,738	0,746	0,754	0,761	0,769	0,777	0,785	0,792	0,800
120	0,800	0,808	0,816	0,824	0,832	0,839	0,847	0,855	0,863	0,871	0,879
130	0,879	0,887	0,895	0,903	0,911	0,919	0,927	0,935	0,943	0,951	0,959
140	0,959	0,967	0,976	0,984	0,992	1,000	1,008	1,016	1,025	1,033	1,041
150	1,041	1,049	1,058	1,066	1,074	1,082	1,091	1,099	1,107	1,116	1,124
160	1,124	1,132	1,141	1,149	1,158	1,166	1,175	1,183	1,191	1,200	1,208
170	1,208	1,217	1,225	1,234	1,242	1,251	1,260	1,268	1,277	1,285	1,294
180	1,294	1,303	1,311	1,320	1,329	1,337	1,346	1,355	1,363	1,372	1,381
190	1,381	1,389	1,398	1,407	1,416	1,425	1,433	1,442	1,451	1,460	1,469
200	1,469	1,477	1,486	1,495	1,504	1,513	1,522	1,531	1,540	1,549	1,558
210	1,558	1,567	1,575	1,584	1,593	1,602	1,611	1,620	1,629	1,639	1,648
220	1,648	1,657	1,666	1,675	1,684	1,693	1,702	1,711	1,720	1,729	1,739
230	1,739	1,748	1,757	1,766	1,775	1,784	1,794	1,803	1,812	1,821	1,831
240	1,831	1,840	1,849	1,858	1,868	1,877	1,886	1,895	1,905	1,914	1,923
250	1,923	1,933	1,942	1,951	1,961	1,970	1,980	1,989	1,998	2,008	2,017
260	2,017	2,027	2,036	2,046	2,055	2,064	2,074	2,083	2,093	2,102	2,112

	0	1	2	3	4	5	6	7	8	9	10
270	2,112	2,121	2,131	2,140	2,150	2,159	2,169	2,179	2,188	2,198	2,207
280	2,207	2,217	2,226	2,236	2,246	2,255	2,265	2,275	2,284	2,294	2,304
290	2,304	2,313	2,323	2,333	2,342	2,352	2,362	2,371	2,381	2,391	2,401
300	2,401	2,410	2,420	2,430	2,440	2,449	2,459	2,469	2,479	2,488	2,498
310	2,498	2,508	2,518	2,528	2,538	2,547	2,557	2,567	2,577	2,587	2,597
320	2,597	2,607	2,617	2,626	2,636	2,646	2,656	2,666	2,676	2,686	2,696
330	2,696	2,706	2,716	2,726	2,736	2,746	2,756	2,766	2,776	2,786	2,796
340	2,796	2,806	2,816	2,826	2,836	2,846	2,856	2,866	2,876	2,886	2,896
350	2,896	2,906	2,916	2,926	2,937	2,947	2,957	2,967	2,977	2,987	2,997
360	2,997	3,007	3,018	3,028	3,038	3,048	3,058	3,068	3,079	3,089	3,099
370	3,099	3,109	3,119	3,130	3,140	3,150	3,160	3,171	3,181	3,191	3,201
380	3,201	3,212	3,222	3,232	3,242	3,253	3,263	3,273	3,284	3,294	3,304
390	3,304	3,315	3,325	3,335	3,346	3,356	3,366	3,377	3,387	3,397	3,408
400	3,408	3,418	3,428	3,439	3,449	3,460	3,470	3,480	3,491	3,501	3,512
410	3,512	3,522	3,533	3,543	3,553	3,564	3,574	3,585	3,595	3,606	3,616
420	3,616	3,627	3,637	3,648	3,658	3,669	3,679	3,690	3,700	3,711	3,721
430	3,721	3,732	3,742	3,753	3,764	3,774	3,785	3,795	3,806	3,816	3,827
440	3,827	3,838	3,848	3,859	3,869	3,880	3,891	3,901	3,912	3,922	3,933
450	3,933	3,944	3,954	3,965	3,976	3,986	3,997	4,008	4,018	4,029	4,040
460	4,040	4,050	4,061	4,072	4,083	4,093	4,104	4,115	4,125	4,136	4,147
470	4,147	4,158	4,168	4,179	4,190	4,201	4,211	4,222	4,233	4,244	4,255
480	4,255	4,265	4,276	4,287	4,298	4,309	4,319	4,330	4,341	4,352	4,363
490	4,363	4,373	4,384	4,395	4,406	4,417	4,428	4,439	4,449	4,460	4,471
500	4,471	4,482	4,493	4,504	4,515	4,526	4,537	4,548	4,558	4,569	4,580
510	4,580	4,591	4,602	4,613	4,624	4,635	4,646	4,657	4,668	4,679	4,690
520	4,690	4,701	4,712	4,723	4,734	4,745	4,756	4,767	4,778	4,789	4,800
530	4,800	4,811	4,822	4,833	4,844	4,855	4,866	4,877	4,888	4,899	4,910
540	4,910	4,922	4,933	4,944	4,955	4,966	4,977	4,988	4,999	5,010	5,021
550	5,021	5,033	5,044	5,055	5,066	5,077	5,088	5,099	5,111	5,122	5,133
560	5,133	5,144	5,155	5,166	5,178	5,189	5,200	5,211	5,222	5,234	5,245
570	5,245	5,256	5,267	5,279	5,290	5,301	5,312	5,323	5,335	5,346	5,357
580	5,357	5,369	5,380	5,391	5,402	5,414	5,425	5,436	5,448	5,459	5,470
590	5,470	5,481	5,493	5,504	5,515	5,527	5,538	5,549	5,561	5,572	5,583
600	5,583	5,595	5,606	5,618	5,629	5,640	5,652	5,663	5,674	5,686	5,697
610	5,697	5,709	5,720	5,731	5,743	5,754	5,766	5,777	5,789	5,800	5,812

	0	1	2	3	4	5	6	7	8	9	10
620	5,812	5,823	5,834	5,846	5,857	5,869	5,880	5,892	5,903	5,915	5,926
630	5,926	5,938	5,949	5,961	5,972	5,984	5,995	6,007	6,018	6,030	6,041
640	6,041	6,053	6,065	6,076	6,088	6,099	6,111	6,122	6,134	6,146	6,157
650	6,157	6,169	6,180	6,192	6,204	6,215	6,227	6,238	6,250	6,262	6,273
660	6,273	6,285	6,297	6,308	6,320	6,332	6,343	6,355	6,367	6,378	6,390
670	6,390	6,402	6,413	6,425	6,437	6,448	6,460	6,472	6,484	6,495	6,507
680	6,507	6,519	6,531	6,542	6,554	6,566	6,578	6,589	6,601	6,613	6,625
690	6,625	6,636	6,648	6,660	6,672	6,684	6,695	6,707	6,719	6,731	6,743
700	6,743	6,755	6,766	6,778	6,790	6,802	6,814	6,826	6,838	6,849	6,861
710	6,861	6,873	6,885	6,897	6,909	6,921	6,933	6,945	6,956	6,968	6,980
720	6,980	6,992	7,004	7,016	7,028	7,040	7,052	7,064	7,076	7,088	7,100
730	7,100	7,112	7,124	7,136	7,148	7,160	7,172	7,184	7,196	7,208	7,220
740	7,220	7,232	7,244	7,256	7,268	7,280	7,292	7,304	7,316	7,328	7,340
750	7,340	7,352	7,364	7,376	7,389	7,401	7,413	7,425	7,437	7,449	7,461
760	7,461	7,473	7,485	7,498	7,510	7,522	7,534	7,546	7,558	7,570	7,583
770	7,583	7,595	7,607	7,619	7,631	7,644	7,656	7,668	7,680	7,692	7,705
780	7,705	7,717	7,729	7,741	7,753	7,766	7,778	7,790	7,802	7,815	7,827
790	7,827	7,839	7,851	7,864	7,876	7,888	7,901	7,913	7,925	7,938	7,950
800	7,950	7,962	7,974	7,987	7,999	8,011	8,024	8,036	8,048	8,061	8,073
810	8,073	8,086	8,098	8,110	8,123	8,135	8,147	8,160	8,172	8,185	8,197
820	8,197	8,209	8,222	8,234	8,247	8,259	8,272	8,284	8,296	8,309	8,321
830	8,321	8,334	8,346	8,359	8,371	8,384	8,396	8,409	8,421	8,434	8,446
840	8,446	8,459	8,471	8,484	8,496	8,509	8,521	8,534	8,546	8,559	8,571
850	8,571	8,584	8,597	8,609	8,622	8,634	8,647	8,659	8,672	8,685	8,697
860	8,697	8,710	8,722	8,735	8,748	8,760	8,773	8,785	8,798	8,811	8,823
870	8,823	8,836	8,849	8,861	8,874	8,887	8,899	8,912	8,925	8,937	8,950
880	8,950	8,963	8,975	8,988	9,001	9,014	9,026	9,039	9,052	9,065	9,077
890	9,077	9,090	9,103	9,115	9,128	9,141	9,154	9,167	9,179	9,192	9,205
900	9,205	9,218	9,230	9,243	9,256	9,269	9,282	9,294	9,307	9,320	9,333
910	9,333	9,346	9,359	9,371	9,384	9,397	9,410	9,423	9,436	9,449	9,461
920	9,461	9,474	9,487	9,500	9,513	9,526	9,539	9,552	9,565	9,578	9,590
930	9,590	9,603	9,616	9,629	9,642	9,655	9,668	9,681	9,694	9,707	9,720
940	9,720	9,733	9,746	9,759	9,772	9,785	9,798	9,811	9,824	9,837	9,850
950	9,850	9,863	9,876	9,889	9,902	9,915	9,928	9,941	9,954	9,967	9,980
960	9,980	9,993	10,006	10,019	10,032	10,046	10,059	10,072	10,085	10,098	10,111

	0	1	2	3	4	5	6	7	8	9	10
970	10,111	10,124	10,137	10,150	10,163	10,177	10,190	10,203	10,216	10,229	10,242
980	10,242	10,255	10,268	10,282	10,295	10,308	10,321	10,334	10,347	10,361	10,374
990	10,374	10,387	10,400	10,413	10,427	10,440	10,453	10,466	10,480	10,493	10,506
1000	10,506	10,519	10,532	10,546	10,559	10,572	10,585	10,599	10,612	10,625	10,638
1010	10,638	10,652	10,665	10,678	10,692	10,705	10,718	10,731	10,745	10,758	10,771
1020	10,771	10,785	10,798	10,811	10,825	10,838	10,851	10,865	10,878	10,891	10,905
1030	10,905	10,918	10,932	10,945	10,958	10,972	10,985	10,998	11,012	11,025	11,039
1040	11,039	11,052	11,065	11,079	11,092	11,106	11,119	11,132	11,146	11,159	11,173
1050	11,173	11,186	11,200	11,213	11,227	11,240	11,253	11,267	11,280	11,294	11,307
1060	11,307	11,321	11,334	11,348	11,361	11,375	11,388	11,402	11,415	11,429	11,442
1070	11,442	11,456	11,469	11,483	11,496	11,510	11,524	11,537	11,551	11,564	11,578
1080	11,578	11,591	11,605	11,618	11,632	11,646	11,659	11,673	11,686	11,700	11,714
1090	11,714	11,727	11,741	11,754	11,768	11,782	11,795	11,809	11,822	11,836	11,850
1100	11,850	11,863	11,877	11,891	11,904	11,918	11,931	11,945	11,959	11,972	11,986
1110	11,986	12,000	12,013	12,027	12,041	12,054	12,068	12,082	12,096	12,109	12,123
1120	12,123	12,137	12,150	12,164	12,178	12,191	12,205	12,219	12,233	12,246	12,260
1130	12,260	12,274	12,288	12,301	12,315	12,329	12,342	12,356	12,370	12,384	12,397
1140	12,397	12,411	12,425	12,439	12,453	12,466	12,480	12,494	12,508	12,521	12,535
1150	12,535	12,549	12,563	12,577	12,590	12,604	12,618	12,632	12,646	12,659	12,673
1160	12,673	12,687	12,701	12,715	12,729	12,742	12,756	12,770	12,784	12,798	12,812
1170	12,812	12,825	12,839	12,853	12,867	12,881	12,895	12,909	12,922	12,936	12,950
1180	12,950	12,964	12,978	12,992	13,006	13,019	13,033	13,047	13,061	13,075	13,089
1190	13,089	13,103	13,117	13,131	13,145	13,158	13,172	13,186	13,200	13,214	13,228
1200	13,228	13,242	13,256	13,270	13,284	13,298	13,311	13,325	13,339	13,353	13,367
1210	13,367	13,381	13,395	13,409	13,423	13,437	13,451	13,465	13,479	13,493	13,507
1220	13,507	13,521	13,535	13,549	13,563	13,577	13,590	13,604	13,618	13,632	13,646
1230	13,646	13,660	13,674	13,688	13,702	13,716	13,730	13,744	13,758	13,772	13,786
1240	13,786	13,800	13,814	13,828	13,842	13,856	13,870	13,884	13,898	13,912	13,926
1250	13,926	13,940	13,954	13,968	13,982	13,996	14,010	14,024	14,038	14,052	14,066
1260	14,066	14,081	14,095	14,109	14,123	14,137	14,151	14,165	14,179	14,193	14,207
1270	14,207	14,221	14,235	14,249	14,263	14,277	14,291	14,305	14,319	14,333	14,347
1280	14,347	14,361	14,375	14,390	14,404	14,418	14,432	14,446	14,460	14,474	14,488
1290	14,488	14,502	14,516	14,530	14,544	14,558	14,572	14,586	14,601	14,615	14,629
1300	14,629	14,643	14,657	14,671	14,685	14,699	14,713	14,727	14,741	14,755	14,770
1310	14,770	14,784	14,798	14,812	14,826	14,840	14,854	14,868	14,882	14,896	14,911

	0	1	2	3	4	5	6	7	8	9	10
1320	14,911	14,925	14,939	14,953	14,967	14,981	14,995	15,009	15,023	15,037	15,052
1330	15,052	15,066	15,080	15,094	15,108	15,122	15,136	15,150	15,164	15,179	15,193
1340	15,193	15,207	15,221	15,235	15,249	15,263	15,277	15,291	15,306	15,320	15,334
1350	15,334	15,348	15,362	15,376	15,390	15,404	15,419	15,433	15,447	15,461	15,475
1360	15,475	15,489	15,503	15,517	15,531	15,546	15,560	15,574	15,588	15,602	15,616
1370	15,616	15,630	15,645	15,659	15,673	15,687	15,701	15,715	15,729	15,743	15,758
1380	15,758	15,772	15,786	15,800	15,814	15,828	15,842	15,856	15,871	15,885	15,899
1390	15,899	15,913	15,927	15,941	15,955	15,969	15,984	15,998	16,012	16,026	16,040
1400	16,040	16,054	16,068	16,082	16,097	16,111	16,125	16,139	16,153	16,167	16,181
1410	16,181	16,196	16,210	16,224	16,238	16,252	16,266	16,280	16,294	16,309	16,323
1420	16,323	16,337	16,351	16,365	16,379	16,393	16,407	16,422	16,436	16,450	16,464
1430	16,464	16,478	16,492	16,506	16,520	16,534	16,549	16,563	16,577	16,591	16,605
1440	16,605	16,619	16,633	16,647	16,662	16,676	16,690	16,704	16,718	16,732	16,746
1450	16,746	16,760	16,774	16,789	16,803	16,817	16,831	16,845	16,859	16,873	16,887
1460	16,887	16,901	16,915	16,930	16,944	16,958	16,972	16,986	17,000	17,014	17,028
1470	17,028	17,042	17,056	17,071	17,085	17,099	17,113	17,127	17,141	17,155	17,169
1480	17,169	17,183	17,197	17,211	17,225	17,240	17,254	17,268	17,282	17,296	17,310
1490	17,310	17,324	17,338	17,352	17,366	17,380	17,394	17,408	17,423	17,437	17,451
1500	17,451	17,465	17,479	17,493	17,507	17,521	17,535	17,549	17,563	17,577	17,591
1510	17,591	17,605	17,619	17,633	17,647	17,661	17,676	17,690	17,704	17,718	17,732
1520	17,732	17,746	17,760	17,774	17,788	17,802	17,816	17,830	17,844	17,858	17,872
1530	17,872	17,886	17,900	17,914	17,928	17,942	17,956	17,970	17,984	17,998	18,012
1540	18,012	18,026	18,040	18,054	18,068	18,082	18,096	18,110	18,124	18,138	18,152
1550	18,152	18,166	18,180	18,194	18,208	18,222	18,236	18,250	18,264	18,278	18,292
1560	18,292	18,306	18,320	18,334	18,348	18,362	18,376	18,390	18,404	18,417	18,431
1570	18,431	18,445	18,459	18,473	18,487	18,501	18,515	18,529	18,543	18,557	18,571
1580	18,571	18,585	18,599	18,613	18,627	18,640	18,654	18,668	18,682	18,696	18,710
1590	18,710	18,724	18,738	18,752	18,766	18,779	18,793	18,807	18,821	18,835	18,849
1600	18,849	18,863	18,877	18,891	18,904	18,918	18,932	18,946	18,960	18,974	18,988
1610	18,988	19,002	19,015	19,029	19,043	19,057	19,071	19,085	19,098	19,112	19,126
1620	19,126	19,140	19,154	19,168	19,181	19,195	19,209	19,223	19,237	19,250	19,264
1630	19,264	19,278	19,292	19,306	19,319	19,333	19,347	19,361	19,375	19,388	19,402
1640	19,402	19,416	19,430	19,444	19,457	19,471	19,485	19,499	19,512	19,526	19,540
1650	19,540	19,554	19,567	19,581	19,595	19,609	19,622	19,636	19,650	19,663	19,677
1660	19,677	19,691	19,705	19,718	19,732	19,746	19,759	19,773	19,787	19,800	19,814

	0	1	2	3	4	5	6	7	8	9	10
1670	19,814	19,828	19,841	19,855	19,869	19,882	19,896	19,910	19,923	19,937	19,951
1680	19,951	19,964	19,978	19,992	20,005	20,019	20,032	20,046	20,060	20,073	20,087
1690	20,087	20,100	20,114	20,127	20,141	20,154	20,168	20,181	20,195	20,208	20,222
1700	20,222	20,235	20,249	20,262	20,275	20,289	20,302	20,316	20,329	20,342	20,356
1710	20,356	20,369	20,382	20,396	20,409	20,422	20,436	20,449	20,462	20,475	20,488
1720	20,488	20,502	20,515	20,528	20,541	20,554	20,567	20,581	20,594	20,607	20,620
1730	20,620	20,633	20,646	20,659	20,672	20,685	20,698	20,711	20,724	20,736	20,749
1740	20,749	20,762	20,775	20,788	20,801	20,813	20,826	20,839	20,852	20,864	20,877
1750	20,877	20,890	20,902	20,915	20,928	20,940	20,953	20,965	20,978	20,990	21,003
1760	21,003	21,015	21,027	21,040	21,052	21,065	21,077	21,089	21,101		

Thermoelement Typ S

(Thermospannung in mV, bezogen auf eine Vergleichsstellentemperatur von 0°C)

	0	1	2	3	4	5	6	7	8	9	10
-50	-0,236	-0,232	-0,228	-0,224	-0,219	-0,215	-0,211	-0,207	-0,203	-0,199	-0,194
-40	-0,194	-0,190	-0,186	-0,181	-0,177	-0,173	-0,168	-0,164	-0,159	-0,155	-0,150
-30	-0,150	-0,146	-0,141	-0,136	-0,132	-0,127	-0,122	-0,117	-0,113	-0,108	-0,103
-20	-0,103	-0,098	-0,093	-0,088	-0,083	-0,078	-0,073	-0,068	-0,063	-0,058	-0,053
-10	-0,053	-0,048	-0,042	-0,037	-0,032	-0,027	-0,021	-0,016	-0,011	-0,005	0,000
0	0,000	0,005	0,011	0,016	0,022	0,027	0,033	0,038	0,044	0,050	0,055
10	0,055	0,061	0,067	0,072	0,078	0,084	0,090	0,095	0,101	0,107	0,113
20	0,113	0,119	0,125	0,131	0,137	0,143	0,149	0,155	0,161	0,167	0,173
30	0,173	0,179	0,185	0,191	0,197	0,204	0,210	0,216	0,222	0,229	0,235
40	0,235	0,241	0,248	0,254	0,260	0,267	0,273	0,280	0,286	0,292	0,299
50	0,299	0,305	0,312	0,319	0,325	0,332	0,338	0,345	0,352	0,358	0,365
60	0,365	0,372	0,378	0,385	0,392	0,399	0,405	0,412	0,419	0,426	0,433
70	0,433	0,440	0,446	0,453	0,460	0,467	0,474	0,481	0,488	0,495	0,502
80	0,502	0,509	0,516	0,523	0,530	0,538	0,545	0,552	0,559	0,566	0,573
90	0,573	0,580	0,588	0,595	0,602	0,609	0,617	0,624	0,631	0,639	0,646
100	0,646	0,653	0,661	0,668	0,675	0,683	0,690	0,698	0,705	0,713	0,720
110	0,720	0,727	0,735	0,743	0,750	0,758	0,765	0,773	0,780	0,788	0,795
120	0,795	0,803	0,811	0,818	0,826	0,834	0,841	0,849	0,857	0,865	0,872
130	0,872	0,880	0,888	0,896	0,903	0,911	0,919	0,927	0,935	0,942	0,950
140	0,950	0,958	0,966	0,974	0,982	0,990	0,998	1,006	1,013	1,021	1,029
150	1,029	1,037	1,045	1,053	1,061	1,069	1,077	1,085	1,094	1,102	1,110
160	1,110	1,118	1,126	1,134	1,142	1,150	1,158	1,167	1,175	1,183	1,191
170	1,191	1,199	1,207	1,216	1,224	1,232	1,240	1,249	1,257	1,265	1,273
180	1,273	1,282	1,290	1,298	1,307	1,315	1,323	1,332	1,340	1,348	1,357
190	1,357	1,365	1,373	1,382	1,390	1,399	1,407	1,415	1,424	1,432	1,441
200	1,441	1,449	1,458	1,466	1,475	1,483	1,492	1,500	1,509	1,517	1,526
210	1,526	1,534	1,543	1,551	1,560	1,569	1,577	1,586	1,594	1,603	1,612
220	1,612	1,620	1,629	1,638	1,646	1,655	1,663	1,672	1,681	1,690	1,698
230	1,698	1,707	1,716	1,724	1,733	1,742	1,751	1,759	1,768	1,777	1,786
240	1,786	1,794	1,803	1,812	1,821	1,829	1,838	1,847	1,856	1,865	1,874
250	1,874	1,882	1,891	1,900	1,909	1,918	1,927	1,936	1,944	1,953	1,962
260	1,962	1,971	1,980	1,989	1,998	2,007	2,016	2,025	2,034	2,043	2,052

	0	1	2	3	4	5	6	7	8	9	10
270	2,052	2,061	2,070	2,078	2,087	2,096	2,105	2,114	2,123	2,132	2,141
280	2,141	2,151	2,160	2,169	2,178	2,187	2,196	2,205	2,214	2,223	2,232
290	2,232	2,241	2,250	2,259	2,268	2,277	2,287	2,296	2,305	2,314	2,323
300	2,323	2,332	2,341	2,350	2,360	2,369	2,378	2,387	2,396	2,405	2,415
310	2,415	2,424	2,433	2,442	2,451	2,461	2,470	2,479	2,488	2,497	2,507
320	2,507	2,516	2,525	2,534	2,544	2,553	2,562	2,571	2,581	2,590	2,599
330	2,599	2,609	2,618	2,627	2,636	2,646	2,655	2,664	2,674	2,683	2,692
340	2,692	2,702	2,711	2,720	2,730	2,739	2,748	2,758	2,767	2,776	2,786
350	2,786	2,795	2,805	2,814	2,823	2,833	2,842	2,851	2,861	2,870	2,880
360	2,880	2,889	2,899	2,908	2,917	2,927	2,936	2,946	2,955	2,965	2,974
370	2,974	2,983	2,993	3,002	3,012	3,021	3,031	3,040	3,050	3,059	3,069
380	3,069	3,078	3,088	3,097	3,107	3,116	3,126	3,135	3,145	3,154	3,164
390	3,164	3,173	3,183	3,192	3,202	3,212	3,221	3,231	3,240	3,250	3,259
400	3,259	3,269	3,279	3,288	3,298	3,307	3,317	3,326	3,336	3,346	3,355
410	3,355	3,365	3,374	3,384	3,394	3,403	3,413	3,423	3,432	3,442	3,451
420	3,451	3,461	3,471	3,480	3,490	3,500	3,509	3,519	3,529	3,538	3,548
430	3,548	3,558	3,567	3,577	3,587	3,596	3,606	3,616	3,626	3,635	3,645
440	3,645	3,655	3,664	3,674	3,684	3,694	3,703	3,713	3,723	3,732	3,742
450	3,742	3,752	3,762	3,771	3,781	3,791	3,801	3,810	3,820	3,830	3,840
460	3,840	3,850	3,859	3,869	3,879	3,889	3,898	3,908	3,918	3,928	3,938
470	3,938	3,947	3,957	3,967	3,977	3,987	3,997	4,006	4,016	4,026	4,036
480	4,036	4,046	4,056	4,065	4,075	4,085	4,095	4,105	4,115	4,125	4,134
490	4,134	4,144	4,154	4,164	4,174	4,184	4,194	4,204	4,213	4,223	4,233
500	4,233	4,243	4,253	4,263	4,273	4,283	4,293	4,303	4,313	4,323	4,332
510	4,332	4,342	4,352	4,362	4,372	4,382	4,392	4,402	4,412	4,422	4,432
520	4,432	4,442	4,452	4,462	4,472	4,482	4,492	4,502	4,512	4,522	4,532
530	4,532	4,542	4,552	4,562	4,572	4,582	4,592	4,602	4,612	4,622	4,632
540	4,632	4,642	4,652	4,662	4,672	4,682	4,692	4,702	4,712	4,722	4,732
550	4,732	4,742	4,752	4,762	4,772	4,782	4,793	4,803	4,813	4,823	4,833
560	4,833	4,843	4,853	4,863	4,873	4,883	4,893	4,904	4,914	4,924	4,934
570	4,934	4,944	4,954	4,964	4,974	4,984	4,995	5,005	5,015	5,025	5,035
580	5,035	5,045	5,055	5,066	5,076	5,086	5,096	5,106	5,116	5,127	5,137
590	5,137	5,147	5,157	5,167	5,178	5,188	5,198	5,208	5,218	5,228	5,239
600	5,239	5,249	5,259	5,269	5,280	5,290	5,300	5,310	5,320	5,331	5,341
610	5,341	5,351	5,361	5,372	5,382	5,392	5,402	5,413	5,423	5,433	5,443

	0	1	2	3	4	5	6	7	8	9	10
620	5,443	5,454	5,464	5,474	5,485	5,495	5,505	5,515	5,526	5,536	5,546
630	5,546	5,557	5,567	5,577	5,588	5,598	5,608	5,618	5,629	5,639	5,649
640	5,649	5,660	5,670	5,680	5,691	5,701	5,712	5,722	5,732	5,743	5,753
650	5,753	5,763	5,774	5,784	5,794	5,805	5,815	5,826	5,836	5,846	5,857
660	5,857	5,867	5,878	5,888	5,898	5,909	5,919	5,930	5,940	5,950	5,961
670	5,961	5,971	5,982	5,992	6,003	6,013	6,024	6,034	6,044	6,055	6,065
680	6,065	6,076	6,086	6,097	6,107	6,118	6,128	6,139	6,149	6,160	6,170
690	6,170	6,181	6,191	6,202	6,212	6,223	6,233	6,244	6,254	6,265	6,275
700	6,275	6,286	6,296	6,307	6,317	6,328	6,338	6,349	6,360	6,370	6,381
710	6,381	6,391	6,402	6,412	6,423	6,434	6,444	6,455	6,465	6,476	6,486
720	6,486	6,497	6,508	6,518	6,529	6,539	6,550	6,561	6,571	6,582	6,593
730	6,593	6,603	6,614	6,624	6,635	6,646	6,656	6,667	6,678	6,688	6,699
740	6,699	6,710	6,720	6,731	6,742	6,752	6,763	6,774	6,784	6,795	6,806
750	6,806	6,817	6,827	6,838	6,849	6,859	6,870	6,881	6,892	6,902	6,913
760	6,913	6,924	6,934	6,945	6,956	6,967	6,977	6,988	6,999	7,010	7,020
770	7,020	7,031	7,042	7,053	7,064	7,074	7,085	7,096	7,107	7,117	7,128
780	7,128	7,139	7,150	7,161	7,172	7,182	7,193	7,204	7,215	7,226	7,236
790	7,236	7,247	7,258	7,269	7,280	7,291	7,302	7,312	7,323	7,334	7,345
800	7,345	7,356	7,367	7,378	7,388	7,399	7,410	7,421	7,432	7,443	7,454
810	7,454	7,465	7,476	7,487	7,497	7,508	7,519	7,530	7,541	7,552	7,563
820	7,563	7,574	7,585	7,596	7,607	7,618	7,629	7,640	7,651	7,662	7,673
830	7,673	7,684	7,695	7,706	7,717	7,728	7,739	7,750	7,761	7,772	7,783
840	7,783	7,794	7,805	7,816	7,827	7,838	7,849	7,860	7,871	7,882	7,893
850	7,893	7,904	7,915	7,926	7,937	7,948	7,959	7,970	7,981	7,992	8,003
860	8,003	8,014	8,026	8,037	8,048	8,059	8,070	8,081	8,092	8,103	8,114
870	8,114	8,125	8,137	8,148	8,159	8,170	8,181	8,192	8,203	8,214	8,226
880	8,226	8,237	8,248	8,259	8,270	8,281	8,293	8,304	8,315	8,326	8,337
890	8,337	8,348	8,360	8,371	8,382	8,393	8,404	8,416	8,427	8,438	8,449
900	8,449	8,460	8,472	8,483	8,494	8,505	8,517	8,528	8,539	8,550	8,562
910	8,562	8,573	8,584	8,595	8,607	8,618	8,629	8,640	8,652	8,663	8,674
920	8,674	8,685	8,697	8,708	8,719	8,731	8,742	8,753	8,765	8,776	8,787
930	8,787	8,798	8,810	8,821	8,832	8,844	8,855	8,866	8,878	8,889	8,900
940	8,900	8,912	8,923	8,935	8,946	8,957	8,969	8,980	8,991	9,003	9,014
950	9,014	9,025	9,037	9,048	9,060	9,071	9,082	9,094	9,105	9,117	9,128
960	9,128	9,139	9,151	9,162	9,174	9,185	9,197	9,208	9,219	9,231	9,242

	0	1	2	3	4	5	6	7	8	9	10
970	9,242	9,254	9,265	9,277	9,288	9,300	9,311	9,323	9,334	9,345	9,357
980	9,357	9,368	9,380	9,391	9,403	9,414	9,426	9,437	9,449	9,460	9,472
990	9,472	9,483	9,495	9,506	9,518	9,529	9,541	9,552	9,564	9,576	9,587
1000	9,587	9,599	9,610	9,622	9,633	9,645	9,656	9,668	9,680	9,691	9,703
1010	9,703	9,714	9,726	9,737	9,749	9,761	9,772	9,784	9,795	9,807	9,819
1020	9,819	9,830	9,842	9,853	9,865	9,877	9,888	9,900	9,911	9,923	9,935
1030	9,935	9,946	9,958	9,970	9,981	9,993	10,005	10,016	10,028	10,040	10,051
1040	10,051	10,063	10,075	10,086	10,098	10,110	10,121	10,133	10,145	10,156	10,168
1050	10,168	10,180	10,191	10,203	10,215	10,227	10,238	10,250	10,262	10,273	10,285
1060	10,285	10,297	10,309	10,320	10,332	10,344	10,356	10,367	10,379	10,391	10,403
1070	10,403	10,414	10,426	10,438	10,450	10,461	10,473	10,485	10,497	10,509	10,520
1080	10,520	10,532	10,544	10,556	10,567	10,579	10,591	10,603	10,615	10,626	10,638
1090	10,638	10,650	10,662	10,674	10,686	10,697	10,709	10,721	10,733	10,745	10,757
1100	10,757	10,768	10,780	10,792	10,804	10,816	10,828	10,839	10,851	10,863	10,875
1110	10,875	10,887	10,899	10,911	10,922	10,934	10,946	10,958	10,970	10,982	10,994
1120	10,994	11,006	11,017	11,029	11,041	11,053	11,065	11,077	11,089	11,101	11,113
1130	11,113	11,125	11,136	11,148	11,160	11,172	11,184	11,196	11,208	11,220	11,232
1140	11,232	11,244	11,256	11,268	11,280	11,291	11,303	11,315	11,327	11,339	11,351
1150	11,351	11,363	11,375	11,387	11,399	11,411	11,423	11,435	11,447	11,459	11,471
1160	11,471	11,483	11,495	11,507	11,519	11,531	11,542	11,554	11,566	11,578	11,590
1170	11,590	11,602	11,614	11,626	11,638	11,650	11,662	11,674	11,686	11,698	11,710
1180	11,710	11,722	11,734	11,746	11,758	11,770	11,782	11,794	11,806	11,818	11,830
1190	11,830	11,842	11,854	11,866	11,878	11,890	11,902	11,914	11,926	11,939	11,951
1200	11,951	11,963	11,975	11,987	11,999	12,011	12,023	12,035	12,047	12,059	12,071
1210	12,071	12,083	12,095	12,107	12,119	12,131	12,143	12,155	12,167	12,179	12,191
1220	12,191	12,203	12,216	12,228	12,240	12,252	12,264	12,276	12,288	12,300	12,312
1230	12,312	12,324	12,336	12,348	12,360	12,372	12,384	12,397	12,409	12,421	12,433
1240	12,433	12,445	12,457	12,469	12,481	12,493	12,505	12,517	12,529	12,542	12,554
1250	12,554	12,566	12,578	12,590	12,602	12,614	12,626	12,638	12,650	12,662	12,675
1260	12,675	12,687	12,699	12,711	12,723	12,735	12,747	12,759	12,771	12,783	12,796
1270	12,796	12,808	12,820	12,832	12,844	12,856	12,868	12,880	12,892	12,905	12,917
1280	12,917	12,929	12,941	12,953	12,965	12,977	12,989	13,001	13,014	13,026	13,038
1290	13,038	13,050	13,062	13,074	13,086	13,098	13,111	13,123	13,135	13,147	13,159
1300	13,159	13,171	13,183	13,195	13,208	13,220	13,232	13,244	13,256	13,268	13,280
1310	13,280	13,292	13,305	13,317	13,329	13,341	13,353	13,365	13,377	13,390	13,402

	0	1	2	3	4	5	6	7	8	9	10
1320	13,402	13,414	13,426	13,438	13,450	13,462	13,474	13,487	13,499	13,511	13,523
1330	13,523	13,535	13,547	13,559	13,572	13,584	13,596	13,608	13,620	13,632	13,644
1340	13,644	13,657	13,669	13,681	13,693	13,705	13,717	13,729	13,742	13,754	13,766
1350	13,766	13,778	13,790	13,802	13,814	13,826	13,839	13,851	13,863	13,875	13,887
1360	13,887	13,899	13,911	13,924	13,936	13,948	13,960	13,972	13,984	13,996	14,009
1370	14,009	14,021	14,033	14,045	14,057	14,069	14,081	14,094	14,106	14,118	14,130
1380	14,130	14,142	14,154	14,166	14,178	14,191	14,203	14,215	14,227	14,239	14,251
1390	14,251	14,263	14,276	14,288	14,300	14,312	14,324	14,336	14,348	14,360	14,373
1400	14,373	14,385	14,397	14,409	14,421	14,433	14,445	14,457	14,470	14,482	14,494
1410	14,494	14,506	14,518	14,530	14,542	14,554	14,567	14,579	14,591	14,603	14,615
1420	14,615	14,627	14,639	14,651	14,664	14,676	14,688	14,700	14,712	14,724	14,736
1430	14,736	14,748	14,760	14,773	14,785	14,797	14,809	14,821	14,833	14,845	14,857
1440	14,857	14,869	14,881	14,894	14,906	14,918	14,930	14,942	14,954	14,966	14,978
1450	14,978	14,990	15,002	15,015	15,027	15,039	15,051	15,063	15,075	15,087	15,099
1460	15,099	15,111	15,123	15,135	15,148	15,160	15,172	15,184	15,196	15,208	15,220
1470	15,220	15,232	15,244	15,256	15,268	15,280	15,292	15,304	15,317	15,329	15,341
1480	15,341	15,353	15,365	15,377	15,389	15,401	15,413	15,425	15,437	15,449	15,461
1490	15,461	15,473	15,485	15,497	15,509	15,521	15,534	15,546	15,558	15,570	15,582
1500	15,582	15,594	15,606	15,618	15,630	15,642	15,654	15,666	15,678	15,690	15,702
1510	15,702	15,714	15,726	15,738	15,750	15,762	15,774	15,786	15,798	15,810	15,822
1520	15,822	15,834	15,846	15,858	15,870	15,882	15,894	15,906	15,918	15,930	15,942
1530	15,942	15,954	15,966	15,978	15,990	16,002	16,014	16,026	16,038	16,050	16,062
1540	16,062	16,074	16,086	16,098	16,110	16,122	16,134	16,146	16,158	16,170	16,182
1550	16,182	16,194	16,205	16,217	16,229	16,241	16,253	16,265	16,277	16,289	16,301
1560	16,301	16,313	16,325	16,337	16,349	16,361	16,373	16,385	16,396	16,408	16,420
1570	16,420	16,432	16,444	16,456	16,468	16,480	16,492	16,504	16,516	16,527	16,539
1580	16,539	16,551	16,563	16,575	16,587	16,599	16,611	16,623	16,634	16,646	16,658
1590	16,658	16,670	16,682	16,694	16,706	16,718	16,729	16,741	16,753	16,765	16,777
1600	16,777	16,789	16,801	16,812	16,824	16,836	16,848	16,860	16,872	16,883	16,895
1610	16,895	16,907	16,919	16,931	16,943	16,954	16,966	16,978	16,990	17,002	17,013
1620	17,013	17,025	17,037	17,049	17,061	17,072	17,084	17,096	17,108	17,120	17,131
1630	17,131	17,143	17,155	17,167	17,178	17,190	17,202	17,214	17,225	17,237	17,249
1640	17,249	17,261	17,272	17,284	17,296	17,308	17,319	17,331	17,343	17,355	17,366
1650	17,366	17,378	17,390	17,401	17,413	17,425	17,437	17,448	17,460	17,472	17,483
1660	17,483	17,495	17,507	17,518	17,530	17,542	17,553	17,565	17,577	17,588	17,600

	0	1	2	3	4	5	6	7	8	9	10
1670	17,600	17,612	17,623	17,635	17,647	17,658	17,670	17,682	17,693	17,705	17,717
1680	17,717	17,728	17,740	17,751	17,763	17,775	17,786	17,798	17,809	17,821	17,832
1690	17,832	17,844	17,855	17,867	17,878	17,890	17,901	17,913	17,924	17,936	17,947
1700	17,947	17,959	17,970	17,982	17,993	18,004	18,016	18,027	18,039	18,050	18,061
1710	18,061	18,073	18,084	18,095	18,107	18,118	18,129	18,140	18,152	18,163	18,174
1720	18,174	18,185	18,196	18,208	18,219	18,230	18,241	18,252	18,263	18,274	18,285
1730	18,285	18,297	18,308	18,319	18,330	18,341	18,352	18,362	18,373	18,384	18,395
1740	18,395	18,406	18,417	18,428	18,439	18,449	18,460	18,471	18,482	18,493	18,503
1750	18,503	18,514	18,525	18,535	18,546	18,557	18,567	18,578	18,588	18,599	18,609
1760	18,609	18,620	18,630	18,641	18,651	18,661	18,672	18,682	18,693		

Thermoelement Typ T

(Thermospannung in mV, bezogen auf eine Vergleichsstellentemperatur von 0 °C)

	0	1	2	3	4	5	6	7	8	9	10
-270	-6,258	-6,256	-6,255	-6,253	-6,251	-6,248	-6,245	-6,242	-6,239	-6,236	-6,232
-260	-6,232	-6,228	-6,223	-6,219	-6,214	-6,209	-6,204	-6,198	-6,193	-6,187	-6,180
-250	-6,180	-6,174	-6,167	-6,160	-6,153	-6,146	-6,138	-6,130	-6,122	-6,114	-6,105
-240	-6,105	-6,096	-6,087	-6,078	-6,068	-6,059	-6,049	-6,038	-6,028	-6,017	-6,007
-230	-6,007	-5,996	-5,985	-5,973	-5,962	-5,950	-5,938	-5,926	-5,914	-5,901	-5,888
-220	-5,888	-5,876	-5,863	-5,850	-5,836	-5,823	-5,809	-5,795	-5,782	-5,767	-5,753
-210	-5,753	-5,739	-5,724	-5,710	-5,695	-5,680	-5,665	-5,650	-5,634	-5,619	-5,603
-200	-5,603	-5,587	-5,571	-5,555	-5,539	-5,523	-5,506	-5,489	-5,473	-5,456	-5,439
-190	-5,439	-5,421	-5,404	-5,387	-5,369	-5,351	-5,334	-5,316	-5,297	-5,279	-5,261
-180	-5,261	-5,242	-5,224	-5,205	-5,186	-5,167	-5,148	-5,128	-5,109	-5,089	-5,070
-170	-5,070	-5,050	-5,030	-5,010	-4,989	-4,969	-4,949	-4,928	-4,907	-4,886	-4,865
-160	-4,865	-4,844	-4,823	-4,802	-4,780	-4,759	-4,737	-4,715	-4,693	-4,671	-4,648
-150	-4,648	-4,626	-4,604	-4,581	-4,558	-4,535	-4,512	-4,489	-4,466	-4,443	-4,419
-140	-4,419	-4,395	-4,372	-4,348	-4,324	-4,300	-4,275	-4,251	-4,226	-4,202	-4,177
-130	-4,177	-4,152	-4,127	-4,102	-4,077	-4,052	-4,026	-4,000	-3,975	-3,949	-3,923
-120	-3,923	-3,897	-3,871	-3,844	-3,818	-3,791	-3,765	-3,738	-3,711	-3,684	-3,657
-110	-3,657	-3,629	-3,602	-3,574	-3,547	-3,519	-3,491	-3,463	-3,435	-3,407	-3,379
-100	-3,379	-3,350	-3,322	-3,293	-3,264	-3,235	-3,206	-3,177	-3,148	-3,118	-3,089
-90	-3,089	-3,059	-3,030	-3,000	-2,970	-2,940	-2,910	-2,879	-2,849	-2,818	-2,788
-80	-2,788	-2,757	-2,726	-2,695	-2,664	-2,633	-2,602	-2,571	-2,539	-2,507	-2,476
-70	-2,476	-2,444	-2,412	-2,380	-2,348	-2,316	-2,283	-2,251	-2,218	-2,186	-2,153
-60	-2,153	-2,120	-2,087	-2,054	-2,021	-1,987	-1,954	-1,920	-1,887	-1,853	-1,819
-50	-1,819	-1,785	-1,751	-1,717	-1,683	-1,648	-1,614	-1,579	-1,545	-1,510	-1,475
-40	-1,475	-1,440	-1,405	-1,370	-1,335	-1,299	-1,264	-1,228	-1,192	-1,157	-1,121
-30	-1,121	-1,085	-1,049	-1,013	-0,976	-0,940	-0,904	-0,867	-0,830	-0,794	-0,757
-20	-0,757	-0,720	-0,683	-0,646	-0,608	-0,571	-0,534	-0,496	-0,459	-0,421	-0,383
-10	-0,383	-0,345	-0,307	-0,269	-0,231	-0,193	-0,154	-0,116	-0,077	-0,039	0,000
0	0,000	0,039	0,078	0,117	0,156	0,195	0,234	0,273	0,312	0,352	0,391
10	0,391	0,431	0,470	0,510	0,549	0,589	0,629	0,669	0,709	0,749	0,790
20	0,790	0,830	0,870	0,911	0,951	0,992	1,033	1,074	1,114	1,155	1,196
30	1,196	1,238	1,279	1,320	1,362	1,403	1,445	1,486	1,528	1,570	1,612
40	1,612	1,654	1,696	1,738	1,780	1,823	1,865	1,908	1,950	1,993	2,036

	0	1	2	3	4	5	6	7	8	9	10
50	2,036	2,079	2,122	2,165	2,208	2,251	2,294	2,338	2,381	2,425	2,468
60	2,468	2,512	2,556	2,600	2,643	2,687	2,732	2,776	2,820	2,864	2,909
70	2,909	2,953	2,998	3,043	3,087	3,132	3,177	3,222	3,267	3,312	3,358
80	3,358	3,403	3,448	3,494	3,539	3,585	3,631	3,677	3,722	3,768	3,814
90	3,814	3,860	3,907	3,953	3,999	4,046	4,092	4,138	4,185	4,232	4,279
100	4,279	4,325	4,372	4,419	4,466	4,513	4,561	4,608	4,655	4,702	4,750
110	4,750	4,798	4,845	4,893	4,941	4,988	5,036	5,084	5,132	5,180	5,228
120	5,228	5,277	5,325	5,373	5,422	5,470	5,519	5,567	5,616	5,665	5,714
130	5,714	5,763	5,812	5,861	5,910	5,959	6,008	6,057	6,107	6,156	6,206
140	6,206	6,255	6,305	6,355	6,404	6,454	6,504	6,554	6,604	6,654	6,704
150	6,704	6,754	6,805	6,855	6,905	6,956	7,006	7,057	7,107	7,158	7,209
160	7,209	7,260	7,310	7,361	7,412	7,463	7,515	7,566	7,617	7,668	7,720
170	7,720	7,771	7,823	7,874	7,926	7,977	8,029	8,081	8,133	8,185	8,237
180	8,237	8,289	8,341	8,393	8,445	8,497	8,550	8,602	8,654	8,707	8,759
190	8,759	8,812	8,865	8,917	8,970	9,023	9,076	9,129	9,182	9,235	9,288
200	9,288	9,341	9,395	9,448	9,501	9,555	9,608	9,662	9,715	9,769	9,822
210	9,822	9,876	9,930	9,984	10,038	10,092	10,146	10,200	10,254	10,308	10,362
220	10,362	10,417	10,471	10,525	10,580	10,634	10,689	10,743	10,798	10,853	10,907
230	10,907	10,962	11,017	11,072	11,127	11,182	11,237	11,292	11,347	11,403	11,458
240	11,458	11,513	11,569	11,624	11,680	11,735	11,791	11,846	11,902	11,958	12,013
250	12,013	12,069	12,125	12,181	12,237	12,293	12,349	12,405	12,461	12,518	12,574
260	12,574	12,630	12,687	12,743	12,799	12,856	12,912	12,969	13,026	13,082	13,139
270	13,139	13,196	13,253	13,310	13,366	13,423	13,480	13,537	13,595	13,652	13,709
280	13,709	13,766	13,823	13,881	13,938	13,995	14,053	14,110	14,168	14,226	14,283
290	14,283	14,341	14,399	14,456	14,514	14,572	14,630	14,688	14,746	14,804	14,862
300	14,862	14,920	14,978	15,036	15,095	15,153	15,211	15,270	15,328	15,386	15,445
310	15,445	15,503	15,562	15,621	15,679	15,738	15,797	15,856	15,914	15,973	16,032
320	16,032	16,091	16,150	16,209	16,268	16,327	16,387	16,446	16,505	16,564	16,624
330	16,624	16,683	16,742	16,802	16,861	16,921	16,980	17,040	17,100	17,159	17,219
340	17,219	17,279	17,339	17,399	17,458	17,518	17,578	17,638	17,698	17,759	17,819
350	17,819	17,879	17,939	17,999	18,060	18,120	18,180	18,241	18,301	18,362	18,422
360	18,422	18,483	18,543	18,604	18,665	18,725	18,786	18,847	18,908	18,969	19,030
370	19,030	19,091	19,152	19,213	19,274	19,335	19,396	19,457	19,518	19,579	19,641
380	19,641	19,702	19,763	19,825	19,886	19,947	20,009	20,070	20,132	20,193	20,255
390	20,255	20,317	20,378	20,440	20,502	20,563	20,625	20,687	20,748	20,810	20,872

Thermoelement Typ U

(Thermospannung in mV, bezogen auf eine Vergleichsstellentemperatur von 0°C)

°C	0	-10	-20	-30	-40	-50	-60	-70	-80	-90
-200	-8,150	-	-	-	-	-	-	-	-	-
-100	-4,750	-5,150	-5,530	-5,900	-6,260	-6,600	-6,930	-7,250	-7,560	-7,860
0	0,000	-0,510	-1,020	-1,530	-2,030	-2,510	-2,980	-3,440	-3,890	-4,330
°C	0	10	20	30	40	50	60	70	80	90
0	0,000	0,520	1,050	1,580	2,110	2,650	3,190	3,730	4,270	4,820
100	5,370	5,920	6,470	7,030	7,590	8,150	8,710	9,270	9,830	10,390
200	10,950	11,510	12,070	12,630	13,190	13,750	14,310	14,880	15,440	16,000
300	16,560	17,120	17,680	18,240	18,800	19,360	19,920	20,480	21,040	21,600
400	22,160	22,720	23,290	23,860	24,430	25,000	25,570	26,140	26,710	27,280
500	27,850	28,430	29,010	29,590	30,170	30,750	31,330	31,910	32,490	33,080
600	33,670	34,260	34,850	35,440	36,040	36,640	37,250	37,850	38,470	39,090
700	39,720	40,350	40,980	41,620	42,270	42,920	43,570	44,230	44,890	45,550
800	46,220	46,890	47,570	48,250	48,940	49,630	50,320	51,020	51,720	52,430

Grundwerte für den Pt 100

	0	1	2	3	4	5	6	7	8	9	10
-200	18,520	18,952	19,384	19,815	20,247	20,677	21,108	21,538	21,967	22,397	22,825
-190	22,825	23,254	23,682	24,110	24,538	24,965	25,392	25,819	26,245	26,671	27,096
-180	27,096	27,522	27,947	28,371	28,796	29,220	29,643	30,067	30,490	30,913	31,335
-170	31,335	31,757	32,179	32,601	33,022	33,443	33,864	34,284	34,704	35,124	35,543
-160	35,543	35,963	36,382	36,800	37,219	37,637	38,055	38,472	38,889	39,306	39,723
-150	39,723	40,140	40,556	40,972	41,388	41,803	42,218	42,633	43,048	43,462	43,876
-140	43,876	44,290	44,704	45,117	45,531	45,944	46,356	46,769	47,181	47,593	48,005
-130	48,005	48,416	48,828	49,239	49,649	50,060	50,470	50,881	51,291	51,700	52,110
-120	52,110	52,519	52,928	53,337	53,746	54,154	54,562	54,970	55,378	55,786	56,193
-110	56,193	56,600	57,007	57,414	57,821	58,227	58,633	59,039	59,445	59,850	60,256
-100	60,256	60,661	61,066	61,471	61,876	62,280	62,684	63,088	63,492	63,896	64,300
-90	64,300	64,703	65,106	65,509	65,912	66,315	66,717	67,120	67,522	67,924	68,325
-80	68,325	68,727	69,129	69,530	69,931	70,332	70,733	71,134	71,534	71,934	72,335
-70	72,335	72,735	73,134	73,534	73,934	74,333	74,732	75,131	75,530	75,929	76,328
-60	76,328	76,726	77,125	77,523	77,921	78,319	78,717	79,114	79,512	79,909	80,306
-50	80,306	80,703	81,100	81,497	81,894	82,290	82,687	83,083	83,479	83,875	84,271
-40	84,271	84,666	85,062	85,457	85,853	86,248	86,643	87,038	87,432	87,827	88,222
-30	88,222	88,616	89,010	89,404	89,798	90,192	90,586	90,980	91,373	91,767	92,160
-20	92,160	92,553	92,946	93,339	93,732	94,124	94,517	94,909	95,302	95,694	96,086
-10	96,086	96,478	96,870	97,261	97,653	98,044	98,436	98,827	99,218	99,609	100,000
0	100,000	100,391	100,781	101,172	101,562	101,953	102,343	102,733	103,123	103,513	103,903
10	103,903	104,292	104,682	105,071	105,460	105,849	106,238	106,627	107,016	107,405	107,794
20	107,794	108,182	108,570	108,959	109,347	109,735	110,123	110,510	110,898	111,286	111,673
30	111,673	112,060	112,447	112,835	113,221	113,608	113,995	114,382	114,768	115,155	115,541
40	115,541	115,927	116,313	116,699	117,085	117,470	117,856	118,241	118,627	119,012	119,397
50	119,397	119,782	120,167	120,552	120,936	121,321	121,705	122,090	122,474	122,858	123,242
60	123,242	123,626	124,009	124,393	124,777	125,160	125,543	125,926	126,309	126,692	127,075
70	127,075	127,458	127,840	128,223	128,605	128,987	129,370	129,752	130,133	130,515	130,897
80	130,897	131,278	131,660	132,041	132,422	132,803	133,184	133,565	133,946	134,326	134,707
90	134,707	135,087	135,468	135,848	136,228	136,608	136,987	137,367	137,747	138,126	138,506
100	138,506	138,885	139,264	139,643	140,022	140,400	140,779	141,158	141,536	141,914	142,293
110	142,293	142,671	143,049	143,426	143,804	144,182	144,559	144,937	145,314	145,691	146,068
120	146,068	146,445	146,822	147,198	147,575	147,951	148,328	148,704	149,080	149,456	149,832

	0	1	2	3	4	5	6	7	8	9	10
130	149,832	150,208	150,583	150,959	151,334	151,710	152,085	152,460	152,835	153,210	153,584
140	153,584	153,959	154,333	154,708	155,082	155,456	155,830	156,204	156,578	156,952	157,325
150	157,325	157,699	158,072	158,445	158,818	159,191	159,564	159,937	160,309	160,682	161,054
160	161,054	161,427	161,799	162,171	162,543	162,915	163,286	163,658	164,030	164,401	164,772
170	164,772	165,143	165,514	165,885	166,256	166,627	166,997	167,368	167,738	168,108	168,478
180	168,478	168,848	169,218	169,588	169,958	170,327	170,696	171,066	171,435	171,804	172,173
190	172,173	172,542	172,910	173,279	173,648	174,016	174,384	174,752	175,120	175,488	175,856
200	175,856	176,224	176,591	176,959	177,326	177,693	178,060	178,427	178,794	179,161	179,528
210	179,528	179,894	180,260	180,627	180,993	181,359	181,725	182,091	182,456	182,822	183,188
220	183,188	183,553	183,918	184,283	184,648	185,013	185,378	185,743	186,107	186,472	186,836
230	186,836	187,200	187,564	187,928	188,292	188,656	189,019	189,383	189,746	190,110	190,473
240	190,473	190,836	191,199	191,562	191,924	192,287	192,649	193,012	193,374	193,736	194,098
250	194,098	194,460	194,822	195,183	195,545	195,906	196,268	196,629	196,990	197,351	197,712
260	197,712	198,073	198,433	198,794	199,154	199,514	199,875	200,235	200,595	200,954	201,314
270	201,314	201,674	202,033	202,393	202,752	203,111	203,470	203,829	204,188	204,546	204,905
280	204,905	205,263	205,622	205,980	206,338	206,696	207,054	207,411	207,769	208,127	208,484
290	208,484	208,841	209,198	209,555	209,912	210,269	210,626	210,982	211,339	211,695	212,052
300	212,052	212,408	212,764	213,120	213,475	213,831	214,187	214,542	214,897	215,252	215,608
310	215,608	215,962	216,317	216,672	217,027	217,381	217,736	218,090	218,444	218,798	219,152
320	219,152	219,506	219,860	220,213	220,567	220,920	221,273	221,626	221,979	222,332	222,685
330	222,685	223,038	223,390	223,743	224,095	224,447	224,799	225,151	225,503	225,855	226,206
340	226,206	226,558	226,909	227,260	227,612	227,963	228,314	228,664	229,015	229,366	229,716
350	229,716	230,066	230,417	230,767	231,117	231,467	231,816	232,166	232,516	232,865	233,214
360	233,214	233,564	233,913	234,262	234,610	234,959	235,308	235,656	236,005	236,353	236,701
370	236,701	237,049	237,397	237,745	238,093	238,440	238,788	239,135	239,482	239,829	240,176
380	240,176	240,523	240,870	241,217	241,563	241,910	242,256	242,602	242,948	243,294	243,640
390	243,640	243,986	244,331	244,677	245,022	245,367	245,713	246,058	246,403	246,747	247,092
400	247,092	247,437	247,781	248,125	248,470	248,814	249,158	249,502	249,845	250,189	250,533
410	250,533	250,876	251,219	251,562	251,906	252,248	252,591	252,934	253,277	253,619	253,962
420	253,962	254,304	254,646	254,988	255,330	255,672	256,013	256,355	256,696	257,038	257,379
430	257,379	257,720	258,061	258,402	258,743	259,083	259,424	259,764	260,105	260,445	260,785
440	260,785	261,125	261,465	261,804	262,144	262,483	262,823	263,162	263,501	263,840	264,179
450	264,179	264,518	264,857	265,195	265,534	265,872	266,210	266,548	266,886	267,224	267,562
460	267,562	267,900	268,237	268,574	268,912	269,249	269,586	269,923	270,260	270,597	270,933
470	270,933	271,270	271,606	271,942	272,278	272,614	272,950	273,286	273,622	273,957	274,293

	0	1	2	3	4	5	6	7	8	9	10
480	274,293	274,628	274,963	275,298	275,633	275,968	276,303	276,638	276,972	277,307	277,641
490	277,641	277,975	278,309	278,643	278,977	279,311	279,644	279,978	280,311	280,644	280,978
500	280,978	281,311	281,643	281,976	282,309	282,641	282,974	283,306	283,638	283,971	284,303
510	284,303	284,634	284,966	285,298	285,629	285,961	286,292	286,623	286,954	287,285	287,616
520	287,616	287,947	288,277	288,608	288,938	289,268	289,599	289,929	290,258	290,588	290,918
530	290,918	291,247	291,577	291,906	292,235	292,565	292,894	293,222	293,551	293,880	294,208
540	294,208	294,537	294,865	295,193	295,521	295,849	296,177	296,505	296,832	297,160	297,487
550	297,487	297,814	298,142	298,469	298,795	299,122	299,449	299,775	300,102	300,428	300,754
560	300,754	301,080	301,406	301,732	302,058	302,384	302,709	303,035	303,360	303,685	304,010
570	304,010	304,335	304,660	304,985	305,309	305,634	305,958	306,282	306,606	306,930	307,254
580	307,254	307,578	307,902	308,225	308,549	308,872	309,195	309,518	309,841	310,164	310,487
590	310,487	310,810	311,132	311,454	311,777	312,099	312,421	312,743	313,065	313,386	313,708
600	313,708	314,029	314,351	314,672	314,993	315,314	315,635	315,956	316,277	316,597	316,918
610	316,918	317,238	317,558	317,878	318,198	318,518	318,838	319,157	319,477	319,796	320,116
620	320,116	320,435	320,754	321,073	321,391	321,710	322,029	322,347	322,666	322,984	323,302
630	323,302	323,620	323,938	324,256	324,573	324,891	325,208	325,526	325,843	326,160	326,477
640	326,477	326,794	327,110	327,427	327,744	328,060	328,376	328,692	329,008	329,324	329,640
650	329,640	329,956	330,271	330,587	330,902	331,217	331,533	331,848	332,162	332,477	332,792
660	332,792	333,106	333,421	333,735	334,049	334,363	334,677	334,991	335,305	335,619	335,932
670	335,932	336,246	336,559	336,872	337,185	337,498	337,811	338,123	338,436	338,748	339,061
680	339,061	339,373	339,685	339,997	340,309	340,621	340,932	341,244	341,555	341,867	342,178
690	342,178	342,489	342,800	343,111	343,422	343,732	344,043	344,353	344,663	344,973	345,284
700	345,284	345,593	345,903	346,213	346,522	346,832	347,141	347,451	347,760	348,069	348,378
710	348,378	348,686	348,995	349,303	349,612	349,920	350,228	350,536	350,844	351,152	351,460
720	351,460	351,768	352,075	352,382	352,690	352,997	353,304	353,611	353,918	354,224	354,531
730	354,531	354,837	355,144	355,450	355,756	356,062	356,368	356,674	356,979	357,285	357,590
740	357,590	357,896	358,201	358,506	358,811	359,116	359,420	359,725	360,029	360,334	360,638
750	360,638	360,942	361,246	361,550	361,854	362,158	362,461	362,765	363,068	363,371	363,674
760	363,674	363,977	364,280	364,583	364,886	365,188	365,491	365,793	366,095	366,397	366,699
770	366,699	367,001	367,303	367,604	367,906	368,207	368,508	368,810	369,111	369,412	369,712
780	369,712	370,013	370,314	370,614	370,914	371,215	371,515	371,815	372,115	372,414	372,714
790	372,714	373,013	373,313	373,612	373,911	374,210	374,509	374,808	375,107	375,406	375,704
800	375,704	376,002	376,301	376,599	376,897	377,195	377,493	377,790	378,088	378,385	378,683
810	378,683	378,980	379,277	379,574	379,871	380,167	380,464	380,761	381,057	381,353	381,650
820	381,650	381,946	382,242	382,537	382,833	383,129	383,424	383,720	384,015	384,310	384,605

	0	1	2	3	4	5	6	7	8	9	10
830	384,605	384,900	385,195	385,489	385,784	386,078	386,373	386,667	386,961	387,255	387,549
840	387,549	387,843	388,136	388,430	388,723	389,016	389,310	389,603	389,896	390,188	390,481
850	390,481	390,774	391,066	391,359	391,651	391,943	392,235	392,527	392,819	393,110	393,402

