

7. Table for TCJ, K, S...probe (thermocouples, f.em in mV)

TCK

°C	0	-10	-20	-30	-40	-50	-60	-70	-80	-90
-200	-5,891	-6,035	-6,158	-6,262	-6,344	-6,404	-6,441	-6,458		
-100	-3,554	-3,852	-4,138	-4,411	-4,669	-4,913	-5,141	-5,354	-5,550	-5,730
0	0,000	-0,392	-0,778	-1,156	-1,527	-1,889	-2,243	-2,587	-2,920	-3,243
	10	20	30	40	50	60	70	80	90	100
0	0,000	0,397	0,798	1,203	1,612	2,023	2,436	2,851	3,267	3,682
100	4,096	4,509	4,920	5,328	5,735	6,138	6,540	6,941	7,340	7,739
200	8,138	8,539	8,940	9,343	9,747	10,153	10,561	10,971	11,382	11,795
300	12,209	12,624	13,040	13,457	13,874	14,293	14,713	15,133	15,554	15,975
400	16,397	16,820	17,243	17,667	18,091	18,516	18,941	19,366	19,792	20,218
500	20,644	21,071	21,497	21,924	22,350	22,776	23,203	23,629	24,055	24,480
600	24,905	25,330	25,755	26,179	26,602	27,025	27,447	27,869	28,289	28,710
700	29,129	29,548	29,965	30,382	30,798	31,213	31,628	32,041	32,453	32,865
800	33,275	33,685	34,093	34,501	34,908	35,313	35,718	36,121	36,524	36,925
900	37,326	37,725	38,124	38,522	38,918	39,314	39,708	40,101	40,490	40,885
1000	41,276	41,665	42,053	42,440	42,826	43,211	43,595	43,978	44,359	44,740
1100	45,119	45,497	45,873	46,249	46,623	46,995	47,367	47,737	48,105	48,473
1200	48,838	49,202	49,565	49,926	50,286	50,644	51,000	51,355	51,708	52,060
1300	52,410	52,759	53,106	53,451	53,795	54,138	54,479	54,819		

TCJ

°C	0	-10	-20	-30	-40	-50	-60	-70	-80	-90
-200	-7,890	-8,095								
-100	-4,633	-5,037	-5,426	-5,801	-6,159	-6,500	-6,821	-7,123	-7,403	-7,659
0	0,000	-0,501	-0,995	-1,482	-1,961	-2,431	-2,893	-3,344	-3,786	-4,215
	10	20	30	40	50	60	70	80	90	100
0	0,000	0,507	1,019	1,537	2,059	2,585	3,116	3,650	4,187	4,726
100	5,269	5,814	6,360	6,909	7,459	8,010	8,562	9,115	9,669	10,224
200	10,779	11,334	11,889	12,445	13,000	13,555	14,110	14,665	15,219	15,773
300	16,327	16,881	17,434	17,986	18,538	19,090	19,642	20,194	20,745	21,297
400	21,848	22,400	22,952	23,504	24,057	24,610	25,164	25,720	26,276	26,834
500	27,393	27,953	28,516	29,080	29,647	30,216	30,788	31,362	31,939	32,519
600	33,102	33,689	34,279	34,873	35,470	36,071	36,675	37,284	37,896	38,512
700	39,132	39,755	40,382	41,012	41,645	42,281	42,919	43,559	44,203	44,848
800	45,494	46,141	46,786	47,431	48,074	48,715	49,353	49,989	50,622	51,251
900	51,877	52,500	53,119	53,735	54,347	54,956	55,561	56,164	56,763	57,360
1000	57,953	58,545	59,134	59,721	60,307	60,890	61,473	62,054	62,634	63,214
1100	63,792	64,370	64,948	65,525	66,102	66,679	67,255	67,831	68,406	68,980
1200	69,553									

## TCS

°C	0	-10	-20	-30	-40	-50	-60	-70	-80	-90
0	0,000	-0,053	-0,103	-0,150	-0,194	-0,236				
	10	20	30	40	50	60	70	80	90	100
0	0,000	0,055	0,113	0,173	0,235	0,299	0,365	0,433	0,502	0,573
100	0,646	0,720	0,795	0,872	0,950	1,029	1,110	1,191	1,273	1,357
200	1,441	1,526	1,612	1,698	1,786	1,874	1,962	2,052	2,141	2,232
300	2,323	2,415	2,507	2,599	2,692	2,786	2,880	2,974	3,066	3,164
400	3,259	3,355	3,451	3,548	3,645	3,742	3,840	3,938	4,036	3,134
500	4,233	4,332	4,432	4,532	4,632	4,732	4,833	4,934	5,035	5,137
600	5,239	5,341	5,443	5,546	5,659	5,753	5,857	5,961	6,065	6,170
700	6,275	6,381	6,486	6,593	6,699	6,806	6,913	7,020	7,128	7,236
800	7,345	7,454	7,563	7,673	7,783	7,893	8,003	8,114	8,226	8,337
900	8,449	8,562	8,674	8,787	8,900	9,014	9,128	9,242	9,357	9,472
1000	9,587	9,703	9,819	9,935	10,051	10,168	10,285	10,403	10,520	10,638
1100	10,757	10,875	10,994	11,113	11,232	11,351	11,471	11,590	11,710	11,830
1200	11,951	12,071	12,191	12,312	12,433	12,554	12,675	12,796	12,917	13,038
1300	13,159	13,280	13,402	13,523	13,644	13,766	13,887	14,009	14,130	14,251
1400	14,373	14,494	14,615	14,736	14,857	14,978	15,099	15,220	15,341	15,461
1500	15,582	15,702	15,822	15,942	16,062	16,182	16,301	16,420	16,539	16,658
1600	16,777	16,895	17,013	17,131	17,249	17,366	17,483	17,600	17,717	17,832
1700	17,947	18,061	18,174	18,285	18,395	18,503	18,609			

## TCR

°C	0	-10	-20	-30	-40	-50	-60	-70	-80	-90
0	0,000	-0,051	-0,100	-0,145	-0,188	-0,226				
	10	20	30	40	50	60	70	80	90	100
0	0,000	0,054	0,111	0,171	0,232	0,296	0,363	0,431	0,501	0,573
100	0,647	0,723	0,800	0,879	0,959	1,041	1,124	1,208	1,294	1,381
200	1,469	1,558	1,648	1,739	1,831	1,923	2,017	2,112	2,207	2,304
300	2,401	2,498	2,597	2,696	2,796	2,896	2,997	3,099	3,201	3,304
400	3,408	3,512	3,616	3,721	3,827	3,933	4,040	4,147	4,255	4,363
500	4,471	4,580	4,690	4,800	4,910	5,021	5,133	5,245	5,357	5,470
600	5,583	5,697	5,812	5,926	6,041	6,157	6,273	6,390	6,507	6,625
700	6,743	6,861	6,980	7,100	7,220	7,340	7,461	7,583	7,705	7,827
800	7,950	8,073	8,197	8,321	8,446	8,571	8,697	8,823	8,950	9,077
900	9,205	9,333	9,461	9,590	9,720	9,850	9,980	10,111	10,242	10,374
1000	10,506	10,638	10,771	10,905	11,039	11,173	11,307	11,442	11,578	11,714
1100	11,850	11,986	12,123	12,260	12,397	12,535	12,673	12,812	12,950	13,089
1200	13,228	13,367	13,507	13,646	13,786	13,926	14,066	14,207	14,347	14,488
1300	14,629	14,770	14,911	15,052	15,193	15,334	15,475	15,616	15,758	15,899
1400	16,040	16,181	16,323	16,464	16,605	16,746	16,887	17,028	17,169	17,310
1500	17,451	17,591	17,732	17,872	18,012	18,152	18,292	18,431	18,571	18,710
1600	18,849	18,988	19,126	19,264	19,402	19,540	19,677	19,814	19,951	20,087
1700	20,222	20,356	20,488	20,620	20,749	20,877	21,003			