

Pt1000 resistance table

°C	0	-1	-2	-3	-4	-5	-6	-7	-8	-9
-100	602,56									
-90	643,00	638,96	634,92	630,88	626,84	622,80	618,76	614,71	610,66	606,61
-80	683,25	679,24	675,22	671,20	667,17	663,15	659,12	655,09	651,06	647,03
-70	723,35	719,34	715,34	711,34	707,33	703,32	699,31	695,30	691,29	687,27
-60	763,28	759,29	755,30	751,32	747,32	743,33	739,34	735,34	731,34	727,35
-50	803,06	799,09	795,12	791,14	787,17	783,19	779,21	775,23	771,25	767,26
-40	842,71	838,75	834,79	830,83	826,87	822,90	818,94	814,97	811,00	807,03
-30	882,22	878,27	874,33	870,38	866,43	862,48	858,53	854,57	850,62	846,66
-20	921,60	917,67	913,73	909,80	905,86	901,92	897,99	894,04	890,10	886,16
-10	960,86	956,94	953,02	949,09	945,17	941,24	937,32	933,39	929,46	925,53
0	1.000,00	996,09	992,18	988,27	984,36	980,44	976,53	972,61	968,70	964,78
°C	0	-1	-2	-3	-4	-5	-6	-7	-8	-9
°C	0	1	2	3	4	5	6	7	8	9
0	1.000,00	1.003,91	1.007,81	1.011,72	1.015,62	1.019,53	1.023,43	1.027,33	1.031,23	1.035,13
10	1.039,03	1.042,92	1.046,82	1.050,71	1.054,60	1.058,49	1.062,38	1.066,27	1.070,16	1.074,05
20	1.077,94	1.081,82	1.085,70	1.089,59	1.093,47	1.097,35	1.101,23	1.105,10	1.108,98	1.112,86
30	1.116,73	1.120,60	1.124,47	1.128,35	1.132,21	1.136,08	1.139,95	1.143,82	1.147,68	1.151,55
40	1.155,41	1.159,27	1.163,13	1.166,99	1.170,85	1.174,70	1.178,56	1.182,41	1.186,27	1.190,12
50	1.193,97	1.197,82	1.201,67	1.205,52	1.209,36	1.213,21	1.217,05	1.220,90	1.224,74	1.228,58
60	1.232,42	1.236,26	1.240,09	1.243,93	1.247,77	1.251,60	1.255,43	1.259,26	1.263,09	1.266,92
70	1.270,75	1.274,58	1.278,40	1.282,23	1.286,05	1.289,87	1.293,70	1.297,52	1.301,33	1.305,15
80	1.308,97	1.312,78	1.316,60	1.320,41	1.324,22	1.328,03	1.331,84	1.335,65	1.339,46	1.343,26
90	1.347,07	1.350,87	1.354,68	1.358,48	1.362,28	1.366,08	1.369,87	1.373,67	1.377,47	1.381,26
°C	0	1	2	3	4	5	6	7	8	9
100	1.385,05	1.388,85	1.392,64	1.396,43	1.400,22	1.404,00	1.407,79	1.411,58	1.415,36	1.419,14
110	1.422,93	1.426,71	1.430,49	1.434,26	1.438,04	1.441,82	1.445,59	1.449,37	1.453,14	1.456,91
120	1.460,68	1.464,45	1.468,22	1.471,98	1.475,75	1.479,51	1.483,28	1.487,04	1.490,80	1.494,56
130	1.498,32	1.502,08	1.505,83	1.509,59	1.513,34	1.517,10	1.520,85	1.524,60	1.528,35	1.532,10
140	1.535,84	1.539,59	1.543,33	1.547,08	1.550,82	1.554,56	1.558,30	1.562,04	1.565,78	1.569,52
150	1.573,25	1.576,99	1.580,72	1.584,45	1.588,18	1.591,91	1.595,64	1.599,37	1.603,09	1.606,82
160	1.610,54	1.614,27	1.617,99	1.621,71	1.625,43	1.629,15	1.632,86	1.636,58	1.640,30	1.644,01
170	1.647,72	1.651,43	1.655,14	1.658,85	1.662,56	1.666,27	1.669,97	1.673,68	1.677,38	1.681,08
180	1.684,78	1.688,48	1.692,18	1.695,88	1.699,58	1.703,27	1.706,96	1.710,66	1.714,35	1.718,04
190	1.721,73	1.725,42	1.729,10	1.732,79	1.736,48	1.740,16	1.743,84	1.747,52	1.751,20	1.754,88
°C	0	1	2	3	4	5	6	7	8	9
200	1.758,56	1.762,24	1.765,91	1.769,59	1.773,26	1.776,93	1.780,60	1.784,27	1.787,94	1.791,61
210	1.795,28	1.798,94	1.802,60	1.806,27	1.809,93	1.813,59	1.817,25	1.820,91	1.824,56	1.828,22
220	1.831,88	1.835,53	1.839,18	1.842,83	1.846,48	1.850,13	1.853,78	1.857,43	1.861,07	1.864,72
230	1.868,36	1.872,00	1.875,64	1.879,28	1.882,92	1.886,56	1.890,19	1.893,83	1.897,46	1.901,10
240	1.904,73	1.908,36	1.911,99	1.915,62	1.919,24	1.922,87	1.926,49	1.930,12	1.933,74	1.937,36
250	1.940,98	1.944,60	1.948,22	1.951,83	1.955,45	1.959,06	1.962,68	1.966,29	1.969,90	1.973,51
260	1.977,12	1.980,73	1.984,33	1.987,94	1.991,54	1.995,14	1.998,75	2.002,35	2.005,95	2.009,54
270	2.013,14	2.016,74	2.020,33	2.023,93	2.027,52	2.031,11	2.034,70	2.038,29	2.041,88	2.045,46
280	2.049,05	2.052,63	2.056,22	2.059,80	2.063,38	2.066,96	2.070,54	2.074,11	2.077,69	2.081,27
290	2.084,84	2.088,41	2.091,98	2.095,55	2.099,12	2.102,69	2.106,26	2.109,82	2.113,39	2.116,95
°C	0	1	2	3	4	5	6	7	8	9
300	2.120,52									

Accuracy DIN/IEC 751 class A = +/- (0,15+0,002*t)

Accuracy DIN/IEC 751 class B = +/- (0,30+0,005*t)

Accuracy DIN/IEC 751 class B 1/3 DIN = +/- (0,10 + 0.0017** t *)