

PT1000 分度表

	0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
0	1000	1000.391	1000.782	1001.172	1001.563	1001.954	1002.345	1002.736	1003.126	1003.517
1	1003.908	1004.298	1004.689	1005.08	1005.47	1005.861	1006.252	1006.642	1007.033	1007.424
2	1007.814	1008.205	1008.595	1008.986	1009.377	1009.767	1010.158	1010.548	1010.939	1011.329
3	1011.72	1012.11	1012.501	1012.891	1013.282	1013.672	1014.062	1014.453	1014.843	1015.234
4	1015.624	1016.014	1016.405	1016.795	1017.185	1017.576	1017.966	1018.356	1018.747	1019.137
5	1019.527	1019.917	1020.308	1020.698	1021.088	1021.478	1021.868	1022.259	1022.649	1023.039
6	1023.429	1023.819	1024.209	1024.599	1024.989	1025.38	1025.77	1026.16	1026.55	1026.94
7	1027.33	1027.72	1028.11	1028.5	1028.89	1029.28	1029.67	1030.06	1030.45	1030.84
8	1031.229	1031.619	1032.009	1032.399	1032.789	1033.179	1033.569	1033.958	1034.348	1034.738
9	1035.128	1035.518	1035.907	1036.297	1036.687	1037.077	1037.466	1037.856	1038.246	1038.636
10	1039.025	1039.415	1039.805	1040.194	1040.584	1040.973	1041.363	1041.753	1042.142	1042.532
11	1042.921	1043.311	1043.701	1044.09	1044.48	1044.869	1045.259	1045.648	1046.038	1046.427
12	1046.816	1047.206	1047.595	1047.985	1048.374	1048.764	1049.153	1049.542	1049.932	1050.321
13	1050.71	1051.1	1051.489	1051.878	1052.268	1052.657	1053.046	1053.435	1053.825	1054.214
14	1054.603	1054.992	1055.381	1055.771	1056.16	1056.549	1056.938	1057.327	1057.716	1058.105
15	1058.495	1058.884	1059.273	1059.662	1060.051	1060.44	1060.829	1061.218	1061.607	1061.996
16	1062.385	1062.774	1063.163	1063.552	1063.941	1064.33	1064.719	1065.108	1065.496	1065.885
17	1066.274	1066.663	1067.052	1067.441	1067.83	1068.218	1068.607	1068.996	1069.385	1069.774
18	1070.162	1070.551	1070.94	1071.328	1071.717	1072.106	1072.495	1072.883	1073.272	1073.661
19	1074.049	1074.438	1074.826	1075.215	1075.604	1075.992	1076.381	1076.769	1077.158	1077.546
20	1077.935	1078.324	1078.712	1079.101	1079.489	1079.877	1080.266	1080.654	1081.043	1081.431
21	1018.82	1082.208	1145.596	1208.985	1272.373	1335.762	1399.15	1462.538	1525.926	1589.315
22	1085.703	1086.091	1086.48	1086.868	1087.256	1087.644	1088.033	1088.421	1088.809	1089.197
23	1089.585	1089.974	1090.362	1090.75	1091.138	1091.526	1091.914	1092.302	1092.69	1093.078
24	1093.467	1093.855	1094.243	1094.631	1095.019	1095.407	1095.795	1096.183	1096.571	1096.959
25	1097.347	1097.734	1098.122	1098.51	1098.898	1099.286	1099.674	1100.062	1100.45	1100.838
26	1101.225	1101.613	1102.001	1102.389	1102.777	1103.164	1103.552	1103.94	1104.328	1104.715
27	1105.103	1105.491	1105.879	1106.266	1106.654	1107.042	1107.429	1107.817	1108.204	1108.592
28	1108.98	1109.367	1109.755	1110.142	1110.53	1110.917	1111.305	1111.693	1112.08	1112.468
29	1112.855	1113.242	1113.63	1114.017	1114.405	1114.792	1115.18	1115.567	1115.954	1116.342
30	1116.729	1117.117	1117.504	1117.891	1118.279	1118.666	1119.053	1119.441	1119.828	1120.215
31	1120.602	1120.99	1121.377	1121.764	1122.151	1122.538	1122.926	1123.313	1123.7	1124.087
32	1124.474	1124.861	1125.248	1125.636	1126.023	1126.41	1126.797	1127.184	1127.571	1127.958
33	1139.95	1140.337	1140.724	1141.11	1141.497	1141.884	1142.27	1142.657	1143.043	1143.43
34	1132.215	1132.602	1132.988	1133.375	1133.762	1134.149	1134.536	1134.923	1135.309	1135.696
35	1136.083	1136.47	1136.857	1137.243	1137.63	1138.017	1138.404	1138.79	1139.177	1139.564
36	1139.95	1140.337	1140.724	1141.11	1141.497	1141.884	1142.27	1142.657	1143.043	1143.43
37	1143.817	1144.203	1144.59	1144.976	1145.363	1145.749	1146.136	1146.522	1146.909	1147.295
38	1147.681	1148.068	1148.454	1148.841	1149.227	1149.614	1150	1150.386	1150.773	1151.159
39	1151.545	1151.932	1152.318	1152.704	1153.091	1153.477	1153.863	1154.249	1154.636	1155.022
40	1155.408	1155.794	1156.18	1156.567	1156.953	1157.339	1157.725	1158.111	1158.497	1158.883
41	1159.27	1159.656	1160.042	1160.428	1160.814	1161.2	1161.586	1161.972	1162.358	1162.744
42	1163.13	1163.516	1163.902	1164.288	1164.674	1165.06	1165.446	1165.831	1166.217	1166.603
43	1166.989	1167.375	1167.761	1168.147	1168.532	1168.918	1169.304	1169.69	1170.076	1170.461

44	1170.847	1171.233	1171.619	1172.004	1172.39	1172.776	1173.161	1173.547	1173.933	1174.318
45	1174.704	1175.09	1175.475	1175.861	1176.247	1176.632	1177.018	1177.403	1177.789	1178.174
46	1178.56	1178.945	1179.331	1179.716	1180.102	1180.487	1180.873	1181.258	1181.644	1182.029
47	1182.414	1182.8	1183.185	1183.571	1183.956	1184.341	1184.727	1185.112	1185.597	1185.883
48	1186.268	1186.653	1187.038	1187.424	1187.809	1188.194	1188.579	1188.965	1189.35	1189.735
49	1190.12	1190.505	1190.89	1191.276	1191.661	1192.046	1192.431	1192.816	1193.201	1193.586
50	1193.971	1194.356	1194.741	1195.126	1195.511	1195.896	1196.281	1196.666	1197.051	1197.436
51	1197.821	1198.206	1198.591	1198.976	1199.361	1199.746	1200.131	1200.516	1200.9	1201.285
52	1201.67	1202.055	1202.44	1202.824	1203.209	1203.594	1203.979	1204.364	1204.748	1205.133
53	1205.518	1205.902	1206.287	1206.672	1207.056	1207.441	1207.826	1208.21	1208.595	1208.98
54	1209.364	1209.749	1210.133	1210.518	1210.902	1211.287	1211.672	1212.056	1212.441	1212.825
55	1213.21	1213.594	1213.978	1214.363	1214.747	1215.12	1215.516	1215.901	1216.285	1216.669
56	1217.054	1217.438	1217.822	1218.207	1218.591	1218.975	1219.36	1219.744	1220.128	1220.513
57	1220.897	1221.281	1221.665	1222.049	1222.434	1222.818	1223.202	1223.586	1223.97	1224.355
58	1224.739	1225.123	1225.507	1225.891	1226.275	1226.659	1227.043	1227.427	1227.811	1228.195
59	1228.579	1228.963	1229.347	1229.731	1230.115	1230.499	1230.883	1231.267	1231.651	1232.035
60	1232.419	1232.803	1233.187	1233.571	1233.955	1234.338	1234.722	1235.106	1235.49	1235.874
61	1236.257	1236.641	1237.025	1237.409	1237.792	1238.176	1238.56	1238.944	1239.327	1239.711
62	1240.095	1240.478	1240.862	1241.246	1241.629	1242.03	1242.396	1242.78	1243.164	1243.547
63	1243.931	1244.314	1244.698	1245.081	1245.465	1245.848	1246.232	1246.615	1246.999	1247.382
64	1247.766	1248.149	1248.533	1248.916	1249.299	1249.683	1250.066	1250.45	1250.833	1251.216
65	1251.6	1251.983	1252.366	1252.749	1253.133	1253.516	1253.899	1254.283	1254.666	1255.049
66	1255.432	1255.815	1256.199	1256.582	1256.965	1257.348	1257.731	1258.114	1258.497	1258.881
67	1259.264	1259.647	1260.03	1260.413	1260.796	1261.179	1261.562	1261.945	1262.328	1262.711
68	1263.094	1263.477	1263.86	1264.243	1264.626	1265.009	1265.392	1265.775	1266.157	1266.54
69	1266.923	1267.306	1267.689	1268.072	1268.455	1268.837	1269.22	1269.603	1269.986	1270.368
70	1270.751	1271.134	1271.517	1271.899	1272.282	1272.665	1273.048	1273.43	1273.813	1274.195
71	1274.578	1274.961	1274.803	1274.916	1275.029	1275.141	1275.254	1275.366	1275.479	1275.591
72	1278.404	1278.786	1279.169	1279.551	1279.934	1280.316	1280.699	1281.081	1281.464	1281.846
73	1282.228	1282.611	1282.993	1283.376	1283.758	1284.14	1284.523	1284.905	1285.287	1285.67
74	1286.052	1286.434	1286.816	1287.199	1287.581	1287.963	1288.345	1288.728	1289.11	1289.492
75	1289.874	1290.256	1290.638	1291.021	1291.403	1291.785	1292.167	1292.549	1292.931	1293.313
76	1293.695	1294.077	1294.459	1294.841	1295.223	1295.605	1295.987	1296.369	1296.751	1297.133
77	1297.515	1297.897	1298.279	1298.661	1299.043	1299.425	1299.807	1300.188	1300.57	1300.952
78	1301.334	1301.716	1302.098	1302.479	1302.861	1303.243	1303.625	1304.006	1304.388	1304.77
79	1305.152	1305.533	1305.915	1306.297	1306.678	1307.06	1307.442	1307.823	1308.205	1308.586
80	1308.968	1309.35	1309.731	1310.113	1310.494	1310.876	1311.27	1311.639	1312.02	1312.402
81	1312.783	1313.165	1313.546	1313.928	1314.309	1314.691	1315.072	1315.453	1315.835	1316.216
82	1316.597	1316.979	1317.36	1317.742	1318.123	1318.504	1318.885	1319.267	1319.648	1320.029
83	1320.411	1320.792	1321.173	1321.554	1321.935	1322.316	1322.697	1323.079	1323.46	1323.841
84	1324.222	1324.603	1324.985	1325.366	1325.747	1326.128	1326.509	1326.89	1327.271	1327.652
85	1328.033	1328.414	1328.795	1329.176	1329.557	1329.938	1330.319	1330.7	1331.081	1331.462
86	1331.843	1332.224	1332.604	1332.985	1333.366	1333.747	1334.128	1334.509	1334.889	1335.27
87	1335.651	1336.032	1336.413	1336.793	1337.174	1337.555	1337.935	1338.316	1338.697	1339.078
88	1339.458	1339.839	1340.22	1340.6	1340.981	1341.361	1341.742	1342.123	1342.503	1342.884
89	1343.264	1343.645	1344.025	1344.406	1344.786	1345.167	1345.57	1345.928	1346.308	1346.689

90	1347.069	1347.45	1347.83	1348.211	1348.591	1348.971	1349.352	1349.732	1350.112	1350.493
91	1350.873	1351.253	1351.634	1352.014	1352.394	1352.774	1353.155	1353.535	1353.915	1354.295
92	1354.676	1355.056	1355.436	1355.816	1356.196	1356.577	1356.957	1357.337	1357.717	1358.097
93	1358.477	1358.857	1359.237	1359.617	1359.997	1360.377	1360.757	1361.137	1361.517	1361.897
94	1362.277	1362.657	1363.037	1363.417	1363.797	1364.177	1364.557	1364.937	1365.317	1365.697
95	1366.077	1366.456	1366.836	1367.216	1367.596	1367.976	1368.355	1368.735	1369.115	1369.495
96	1369.875	1370.254	1370.634	1371.014	1371.393	1371.773	1372.153	1372.532	1372.912	1373.292
97	1373.671	1374.051	1374.431	1374.81	1375.19	1375.569	1375.949	1376.329	1376.708	1377.088
98	1377.467	1377.847	1378.226	1378.606	1378.985	1379.365	1379.744	1380.123	1380.503	1380.882
99	1381.262	1381.641	1382.02	1382.4	1382.779	1383.158	1383.538	1383.917	1384.296	1384.676
100	1385.055	1385.434	1385.814	1386.193	1386.572	1386.951	1387.33	1387.71	1388.089	1388.468

Widerstandswerte nach DIN EN 60751

$$t \geq 0 \\ R(t) = R_0 \cdot (1 + A \cdot t + B \cdot t^2)$$

mit

$$A = 3,9083 \cdot 10^{-3} \text{ } ^\circ\text{C}^{-1} \\ B = -5,775 \cdot 10^{-7} \text{ } ^\circ\text{C}^{-2}$$

$$t < 0 \\ R(t) = R_0 \cdot (1 + A \cdot t + B \cdot t^2 + C \cdot (t - 100^\circ\text{C}) \cdot t^3)$$

mit

$$A = 3,9083 \cdot 10^{-3} \text{ } ^\circ\text{C}^{-1} \\ B = -5,775 \cdot 10^{-7} \text{ } ^\circ\text{C}^{-2} \\ C = -4,183 \cdot 10^{-12} \text{ } ^\circ\text{C}^{-4}$$



Nennwert: 500 Ω

Temperatur in °C	0	1	2	3	4	5	6	7	8	9
-200	92,63	94,79	96,95	99,10	101,26	103,41	105,56	107,71	109,86	112,01
-190	114,15	116,30	118,44	120,58	122,71	124,85	126,99	129,12	131,25	133,38
-180	135,51	137,63	139,76	141,88	144,00	146,12	148,24	150,36	152,47	154,59
-170	156,70	158,81	160,92	163,03	165,13	167,24	169,34	171,44	173,54	175,64
-160	177,74	179,83	181,93	184,02	186,11	188,20	190,29	192,38	194,47	196,55
-150	198,64	200,72	202,80	204,88	206,96	209,03	211,11	213,19	215,26	217,33
-140	219,40	221,47	223,54	225,61	227,67	229,74	231,80	233,86	235,92	237,98
-130	240,04	242,10	244,16	246,21	248,26	250,32	252,37	254,42	256,47	258,52
-120	260,57	262,61	264,66	266,70	268,74	270,79	272,83	274,87	276,91	278,94
-110	280,98	283,02	285,05	287,08	289,12	291,15	293,18	295,21	297,24	299,27
-100	301,29	303,32	305,34	307,37	309,39	311,41	313,43	315,45	317,47	319,49
-90	321,51	323,53	325,54	327,56	329,57	331,58	333,60	335,61	337,62	339,63
-80	341,64	343,65	345,65	347,66	349,67	351,67	353,67	355,68	357,68	359,68
-70	361,68	363,68	365,68	367,68	369,68	371,67	373,67	375,67	377,66	379,65
-60	381,65	383,64	385,63	387,62	389,61	391,60	393,59	395,58	397,57	399,55
-50	401,54	403,52	405,51	407,49	409,47	411,46	413,44	415,42	417,40	419,38
-40	421,36	423,34	425,31	427,29	429,27	431,24	433,22	435,19	437,17	439,14
-30	441,11	443,08	445,06	447,03	449,00	450,97	452,93	454,90	456,87	458,84
-20	460,80	462,77	464,73	466,70	468,66	470,62	472,59	474,55	476,51	478,47
-10	480,43	482,39	484,35	486,31	488,27	490,22	492,18	494,14	496,09	498,05
0	500,00	501,95	503,91	505,86	507,81	509,76	511,71	513,66	515,61	517,56
10	519,51	521,46	523,41	525,35	527,30	529,25	531,19	533,13	535,08	537,02
20	538,96	540,91	542,85	544,79	546,73	548,67	550,61	552,55	554,49	556,42
30	558,36	560,30	562,23	564,17	566,10	568,04	569,97	571,90	573,84	575,77
40	577,70	579,63	581,56	583,49	585,42	587,35	589,27	591,20	593,13	595,05
50	596,98	598,90	600,83	602,75	604,67	606,60	608,52	610,44	612,36	614,28
60	616,20	618,12	620,04	621,96	623,87	625,79	627,71	629,62	631,54	633,45
70	635,37	637,28	639,19	641,10	643,02	644,93	646,84	648,75	650,66	652,57
80	654,47	656,38	658,29	660,19	662,10	664,01	665,91	667,81	669,72	671,62
90	673,52	675,42	677,33	679,23	681,13	683,03	684,92	686,82	688,72	690,62
100	692,51	694,41	696,31	698,20	700,09	701,99	703,88	705,77	707,67	709,56
110	711,45	713,34	715,23	717,12	719,01	720,89	722,78	724,67	726,55	728,44
120	730,32	732,21	734,09	735,98	737,86	739,74	741,62	743,50	745,38	747,26
130	749,14	751,02	752,90	754,78	756,65	758,53	760,41	762,28	764,16	766,03
140	767,90	769,78	771,65	773,52	775,39	777,26	779,13	781,00	782,87	784,74
150	786,61	788,47	790,34	792,20	794,07	795,94	797,80	799,66	801,53	803,39
160	805,25	807,11	808,97	810,83	812,69	814,55	816,41	818,27	820,12	821,98
170	823,84	825,69	827,55	829,40	831,26	833,11	834,96	836,81	838,67	840,52

Temperatur in °C	0	1	2	3	4	5	6	7	8	9
180	842,37	844,22	846,07	847,91	849,76	851,61	853,46	855,30	857,15	858,99
190	860,84	862,68	864,53	866,37	868,21	870,05	871,89	873,73	875,57	877,41
200	879,25	881,09	882,93	884,77	886,60	888,44	890,27	892,11	893,94	895,78
210	897,61	899,44	901,27	903,10	904,94	906,77	908,60	910,42	912,25	914,08
220	915,91	917,73	919,56	921,39	923,21	925,04	926,86	928,68	930,51	932,33
230	934,15	935,97	937,79	939,61	941,43	943,25	945,07	946,88	948,70	950,52
240	952,33	954,15	955,96	957,78	959,59	961,40	963,21	965,03	966,84	968,65
250	970,46	972,27	974,08	975,88	977,69	979,50	981,30	983,11	984,92	986,72
260	988,52	990,33	992,13	993,93	995,74	997,54	999,34	1001,14	1002,94	1004,74
270	1006,53	1008,33	1010,13	1011,93	1013,72	1015,52	1017,31	1019,11	1020,90	1022,69
280	1024,49	1026,28	1028,07	1029,86	1031,65	1033,44	1035,23	1037,02	1038,81	1040,59
290	1042,38	1044,17	1045,95	1047,74	1049,52	1051,31	1053,09	1054,87	1056,65	1058,44
300	1060,22	1062,00	1063,78	1065,56	1067,34	1069,11	1070,89	1072,67	1074,44	1076,22
310	1078,00	1079,77	1081,54	1083,32	1085,09	1086,86	1088,64	1090,41	1092,18	1093,95
320	1095,72	1097,49	1099,25	1101,02	1102,79	1104,56	1106,32	1108,09	1109,85	1111,62
330	1113,38	1115,14	1116,91	1118,67	1120,43	1122,19	1123,95	1125,71	1127,47	1129,23
340	1130,99	1132,74	1134,50	1136,26	1138,01	1139,77	1141,52	1143,28	1145,03	1146,78
350	1148,53	1150,28	1152,04	1153,79	1155,54	1157,29	1159,03	1160,78	1162,53	1164,28
360	1166,02	1167,77	1169,51	1171,26	1173,00	1174,75	1176,49	1178,23	1179,97	1181,72
370	1183,46	1185,20	1186,94	1188,67	1190,41	1192,15	1193,89	1195,62	1197,36	1199,10
380	1200,83	1202,56	1204,30	1206,03	1207,76	1209,50	1211,23	1212,96	1214,69	1216,42
390	1218,15	1219,88	1221,60	1223,33	1225,06	1226,78	1228,51	1230,23	1231,96	1233,68
400	1235,41	1237,13	1238,85	1240,57	1242,29	1244,01	1245,73	1247,45	1249,17	1250,89
410	1252,61	1254,32	1256,04	1257,76	1259,47	1261,19	1262,90	1264,61	1266,33	1268,04
420	1269,75	1271,46	1273,17	1274,88	1276,59	1278,30	1280,01	1281,72	1283,42	1285,13
430	1286,84	1288,54	1290,25	1291,95	1293,65	1295,36	1297,06	1298,76	1300,46	1302,16
440	1303,86	1305,56	1307,26	1308,96	1310,66	1312,36	1314,05	1315,75	1317,45	1319,14
450	1320,83	1322,53	1324,22	1325,91	1327,61	1329,30	1330,99	1332,68	1334,37	1336,06
460	1337,75	1339,44	1341,12	1342,81	1344,50	1346,18	1347,87	1349,55	1351,24	1352,92
470	1354,60	1356,28	1357,97	1359,65	1361,33	1363,01	1364,69	1366,37	1368,04	1369,72
480	1371,40	1373,08	1374,75	1376,43	1378,10	1379,78	1381,45	1383,12	1384,80	1386,47
490	1388,14	1389,81	1391,48	1393,15	1394,82	1396,49	1398,15	1399,82	1401,49	1403,15
500	1404,82	1406,48	1408,15	1409,81	1411,48	1413,14	1414,80	1416,46	1418,12	1419,78
510	1421,44	1423,10	1424,76	1426,42	1428,08	1429,73	1431,39	1433,05	1434,70	1436,36
520	1438,01	1439,66	1441,32	1442,97	1444,62	1446,27	1447,92	1449,57	1451,22	1452,87
530	1454,52	1456,17	1457,81	1459,46	1461,11	1462,75	1464,40	1466,04	1467,68	1469,33
540	1470,97	1472,61	1474,25	1475,89	1477,53	1479,17	1480,81	1482,45	1484,09	1485,72
550	1487,36	1489,00	1490,63	1492,27	1493,90	1495,54	1497,17	1498,80	1500,43	1502,07
560	1503,70	1505,33	1506,96	1508,59	1510,21	1511,84	1513,47	1515,10	1516,72	1518,35
570	1519,97	1521,60	1523,22	1524,85	1526,47	1528,09	1529,71	1531,33	1532,95	1534,57
580	1536,19	1537,81	1539,43	1541,05	1542,66	1544,28	1545,90	1547,51	1549,13	1550,74
590	1552,35	1553,97	1555,58	1557,19	1558,80	1560,41	1562,02	1563,63	1565,24	1566,85
600	1568,46	1570,07	1571,67	1573,28	1574,88	1576,49	1578,09	1579,70	1581,30	1582,90
610	1584,51	1586,11	1587,71	1589,31	1590,91	1592,51	1594,11	1595,70	1597,30	1598,90
620	1600,49	1602,09	1603,68	1605,28	1606,87	1608,47	1610,06	1611,65	1613,24	1614,83
630	1616,42	1618,01	1619,60	1621,19	1622,78	1624,37	1625,96	1627,54	1629,13	1630,71
640	1632,30	1633,88	1635,47	1637,05	1638,63	1640,21	1641,79	1643,37	1644,95	1646,53
650	1648,11	1649,69	1651,27	1652,85	1654,42	1656,00	1657,57	1659,15	1660,72	1662,30
660	1663,87	1665,44	1667,01	1668,59	1670,16	1671,73	1673,30	1674,87	1676,43	1678,00

Temperatur in °C	0	1	2	3	4	5	6	7	8	9
670	1679,57	1681,14	1682,70	1684,27	1685,83	1687,40	1688,96	1690,53	1692,09	1693,65
680	1695,21	1696,77	1698,33	1699,89	1701,45	1703,01	1704,57	1706,13	1707,68	1709,24
690	1710,80	1712,35	1713,91	1715,46	1717,01	1718,57	1720,12	1721,67	1723,22	1724,77
700	1726,32	1727,87	1729,42	1730,97	1732,52	1734,06	1735,61	1737,16	1738,70	1740,25
710	1741,79	1743,34	1744,88	1746,42	1747,96	1749,50	1751,05	1752,59	1754,13	1755,66
720	1757,20	1758,74	1760,28	1761,81	1763,35	1764,89	1766,42	1767,96	1769,49	1771,02
730	1772,56	1774,09	1775,62	1777,15	1778,68	1780,21	1781,74	1783,27	1784,80	1786,32
740	1787,85	1789,38	1790,90	1792,43	1793,95	1795,48	1797,00	1798,52	1800,05	1801,57
750	1803,09	1804,61	1806,13	1807,65	1809,17	1810,69	1812,20	1813,72	1815,24	1816,75
760	1818,27	1819,78	1821,30	1822,81	1824,33	1825,84	1827,35	1828,86	1830,37	1831,88
770	1833,39	1834,90	1836,41	1837,92	1839,42	1840,93	1842,44	1843,94	1845,45	1846,95
780	1848,46	1849,96	1851,46	1852,96	1854,47	1855,97	1857,47	1858,97	1860,47	1861,96
790	1863,46	1864,96	1866,46	1867,95	1869,45	1870,94	1872,44	1873,93	1875,43	1876,92
800	1878,41	1879,90	1881,39	1882,89	1884,38	1885,86	1887,35	1888,84	1890,33	1891,82
810	1893,30	1894,79	1896,27	1897,76	1899,24	1900,73	1902,21	1903,69	1905,17	1906,66
820	1908,14	1909,62	1911,10	1912,58	1914,05	1915,53	1917,01	1918,49	1919,96	1921,44
830	1922,91	1924,39	1925,86	1927,33	1928,81	1930,28	1931,75	1933,22	1934,69	1936,16
840	1937,63	1939,10	1940,57	1942,03	1943,50	1944,97	1946,43	1947,90	1949,36	1950,83
850	1952,29	1953,75	1955,22	1956,68	1958,14	1959,60	1961,06	1962,52	1963,98	1965,44
860	1966,89	1968,35	1969,81	1971,26	1972,72	1974,17	1975,63	1977,08	1978,53	1979,99



铂基传感
BOJISENSING

中创信晟（泰州）传感技术有限公司

技术条件： 一、【高精度】铂电阻精度：

1. 1/3B 级 $R_0=100\pm 0.04\Omega$ ($\leq 0.1^\circ\text{C}$) $\alpha=0.003851\pm 0.000004$
100℃时 $\leq 0.27^\circ\text{C}$ 200℃时 $\leq 0.43^\circ\text{C}$
2. 1/6B 级 $R_0=100\pm 0.02\Omega$ ($\leq 0.05^\circ\text{C}$) $\alpha=0.003851\pm 0.000002$
100℃时 $\leq 0.13^\circ\text{C}$ 200℃时 $\leq 0.22^\circ\text{C}$
3. 1/10B 级 $R_0=100\pm 0.012\Omega$ ($\leq 0.03^\circ\text{C}$) $\alpha=0.003851\pm 0.0000012$
100℃时 $\leq 0.08^\circ\text{C}$ 200℃时 $\leq 0.13^\circ\text{C}$

二、允许年最大变化量 $\leq 0.01^\circ\text{C}$ 。

三、标准检测电流 1mA, $I=1\pm 0.10\text{mA}$ 。

四、元件为抗振型, 四单聚四氟导线, 元件烧结在聚四氟套管中, 绝对防油防水。

五、出厂时每支元件提供 R_0 、A、B 参数, 可按 $R_t=R_0(1+At+Bt^2)$ 计算出分度表。

六、测量温度范围 $-50^\circ\text{C}\sim 200^\circ\text{C}$ 。

七、专用于恒温箱、细菌培养箱等高湿环境及水环境精密测温, 引线适合于从门缝引出。

精度误差对照表

精度 温度	A 级	B 级	1/3B 级	1/4B 级	1/5B 级	1/6B 级	1/7 级	1/8B 级	1/9B 级	1/10B 级
0℃	±0.15	±0.3	±0.1	±0.075	±0.06	±0.05	±0.043	±0.038	±0.033	±0.03
100℃	±0.35	±0.8	±0.27	±0.2	±0.16	±0.13	±0.114	±0.1	±0.089	±0.08
121℃	±0.392	±0.905	±0.302	±0.226	±0.181	±0.151	±0.129	±0.113	±0.101	±0.091
200℃	±0.55	±1.3	±0.43	±0.325	±0.26	±0.217	±0.186	±0.163	±0.144	±0.13
300℃	±0.75	±1.8	±0.6	±0.45	±0.36	±0.3	±0.257	±0.225	±0.2	±0.18
400℃	±0.95	±2.3	±0.77	±0.575	±0.46	±0.383	±0.329	±0.288	±0.256	±0.23
420℃	±0.99	±2.4	±0.8	±0.6	±0.48	±0.4	±0.343	±0.3	±0.267	±0.24
500℃	±1.15	±2.8	±0.93	±0.7	±0.56					
600℃	±1.35	±3.3	±1.1	±0.825	±0.66					
700℃	±1.55	±3.8	±1.27							
800℃	±1.75	±4.3	±1.43							

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