



Ruthenium Oxide Thermometer
Sensor Model: RO600GE/RO701GE
Calibration Current: 10 microamps

Typical Response

Temp. K	+0.0	+1.0	+2.0	+3.0	+4.0	+5.0	+6.0	+7.0	+8.0	+9.0
0			1725.25	1525.59	1414.26	1342.39	1291.92	1255.79	1228.1	1206.35
10	1188.64	1174	1161.62	1151.05	1141.94	1134.1	1127.19	1121.09	1115.56	1110.7
20	1106.32	1102.33	1098.67	1095.31	1092.23	1089.42	1086.79	1084.33	1082.01	1079.84
30	1077.83	1075.96	1074.22	1072.58	1071.02	1069.52	1068.1	1066.76	1065.49	1064.28
40	1063.09	1062.03	1061.01	1060.01	1059.04	1058.1	1057.19	1056.31	1055.46	1054.63
50	1053.84	1053.13	1052.43	1051.76	1051.1	1050.45	1049.82	1049.21	1048.61	1048.03
60	1047.46	1046.94	1046.43	1045.92	1045.43	1044.95	1044.47	1044.01	1043.56	1043.12
70	1042.68	1042.25	1041.83	1041.43	1041.04	1040.66	1040.29	1039.93	1039.6	1039.27
80	1038.94	1038.61	1038.29	1037.97	1037.65	1037.33	1037.02	1036.7	1036.4	1036.09
90	1035.79	1035.49	1035.19	1034.9	1034.61	1034.32	1034.03	1033.74	1033.46	1033.18
100	1032.9	1032.63	1032.35	1032.09	1031.82	1031.55	1031.29	1031.02	1030.76	1030.5
110	1030.25	1029.99	1029.73	1029.48	1029.23	1028.98	1028.73	1028.48	1028.24	1027.99
120	1027.75	1027.51	1027.27	1027.04	1026.8	1026.57	1026.34	1026.11	1025.88	1025.66
130	1025.43	1025.21	1024.99	1024.77	1024.55	1024.33	1024.12	1023.9	1023.69	1023.48
140	1023.27	1023.06	1022.85	1022.64	1022.44	1022.23	1022.03	1021.83	1021.63	1021.43
150	1021.23	1021.04	1020.84	1020.65	1020.45	1020.26	1020.07	1019.88	1019.7	1019.51
160	1019.33	1019.14	1018.96	1018.78	1018.61	1018.43	1018.26	1018.08	1017.91	1017.74
170	1017.57	1017.41	1017.24	1017.08	1016.91	1016.75	1016.6	1016.44	1016.29	1016.14
180	1015.99	1015.84	1015.69	1015.54	1015.4	1015.25	1015.11	1014.97	1014.83	1014.69
190	1014.55	1014.41	1014.28	1014.14	1014.01	1013.88	1013.74	1013.61	1013.48	1013.36
200	1013.23	1013.1	1012.98	1012.85	1012.73	1012.6	1012.48	1012.36	1012.25	1012.13
210	1012.01	1011.9	1011.79	1011.68	1011.57	1011.46	1011.35	1011.25	1011.14	1011.04
220	1010.94	1010.84	1010.74	1010.65	1010.55	1010.46	1010.37	1010.28	1010.19	1010.1
230	1010.02	1009.93	1009.85	1009.77	1009.69	1009.61	1009.53	1009.46	1009.38	1009.31
240	1009.23	1009.16	1009.09	1009.02	1008.95	1008.89	1008.82	1008.76	1008.69	1008.63
250	1008.57	1008.51	1008.45	1008.4	1008.34	1008.29	1008.23	1008.18	1008.13	1008.08
260	1008.03	1007.98	1007.94	1007.89	1007.85	1007.8	1007.76	1007.72	1007.68	1007.64
270	1007.61	1007.57	1007.54	1007.5	1007.47	1007.44	1007.42	1007.41	1007.39	1007.37
280	1007.36	1007.34	1007.32	1007.3	1007.29	1007.27	1007.25	1007.23	1007.21	1007.2
290	1007.18	1007.16	1007.14	1007.12	1007.1	1007.08	1007.06	1007.04	1007.02	1007
300	1006.98									

Record of Revisions						
Rev	ECN#	Description	Rev by	Date	Appr by	Date
-		Initial Release	JWS	11/21/05	<i>JWS</i>	12/15/05

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