

TABLE 37 604Ω Nickel - Iron RTD — 0.00518 coefficient  
temperature in °C

°C	0	1	2	3	4	5	6	7	8	9	10	°C
Resistance in Ohms												
-200	245.34											-200
-190	253.42	252.56	251.72	250.89	250.06	249.25	248.45	247.66	246.88	246.10	245.34	-190
-180	262.53	261.57	260.63	259.69	258.76	257.85	256.94	256.04	255.16	254.28	253.42	-180
-170	272.68	271.62	270.57	269.53	268.50	267.48	266.47	265.47	264.48	263.50	262.53	-170
-160	283.87	282.70	281.55	280.40	279.27	278.15	277.03	275.93	274.84	273.75	272.68	-160
-150	296.10	294.83	293.57	292.32	291.08	289.85	288.64	287.43	286.23	285.05	283.87	-150
-140	309.36	307.99	306.62	305.27	303.93	302.60	301.28	299.97	298.67	297.38	296.10	-140
-130	323.66	322.18	320.72	319.26	317.82	316.38	314.95	313.54	312.14	310.74	309.36	-130
-120	339.00	337.42	335.85	334.29	332.74	331.20	329.67	328.15	326.64	325.15	323.66	-120
-110	355.37	353.69	352.02	350.35	348.70	347.06	345.42	343.80	342.19	340.59	339.00	-110
-100	372.79	371.00	369.22	367.46	365.70	363.95	362.22	360.49	358.77	357.07	355.37	-100
-90	391.24	389.35	387.47	385.60	383.74	381.89	380.05	378.22	376.40	374.59	372.79	-90
-80	410.73	408.73	406.75	404.77	402.81	400.86	398.91	396.98	395.06	393.14	391.24	-80
-70	431.26	429.16	427.07	424.99	422.92	420.86	418.82	416.78	414.75	412.74	410.73	-70
-60	452.82	450.62	448.43	446.24	444.07	441.91	439.76	437.62	435.49	433.37	431.26	-60
-50	475.42	473.12	470.82	468.53	466.26	463.99	461.74	459.49	457.26	455.03	452.82	-50
-40	499.06	496.65	494.25	491.86	489.48	487.11	484.76	482.41	480.07	477.74	475.42	-40
-30	523.74	521.23	518.72	516.23	513.75	511.27	508.81	506.36	503.92	501.48	499.06	-30
-20	549.46	546.84	544.23	541.63	539.05	536.47	533.90	531.35	528.80	526.27	523.74	-20
-10	576.21	573.49	570.78	568.07	565.38	562.70	560.03	557.37	554.72	552.09	549.46	-10
0	604.00	601.17	598.36	595.55	592.76	589.97	587.20	584.44	581.68	578.94	576.21	0
0	604.00	606.78	609.57	612.36	615.17	617.98	620.79	623.62	626.45	629.28	632.13	0
10	632.13	634.98	637.84	640.71	643.58	646.46	649.35	652.24	655.14	658.05	660.97	10
20	660.97	663.89	666.82	669.76	672.71	675.66	678.62	681.58	684.56	687.54	690.52	20
30	690.52	693.52	696.52	699.53	702.54	705.57	708.60	711.63	714.68	717.73	720.79	30
40	720.79	723.85	726.93	730.01	733.09	736.19	739.29	742.40	745.51	748.64	751.77	40
50	751.77	754.90	758.05	761.20	764.36	767.52	770.69	773.87	777.06	780.25	783.45	50
60	783.45	786.66	789.88	793.10	796.33	799.57	802.81	806.06	809.32	812.58	815.86	60
70	815.86	819.13	822.42	825.71	829.01	832.32	835.64	838.96	842.29	845.62	848.97	70
80	848.97	852.32	855.68	859.04	862.41	865.79	869.18	872.57	875.97	879.38	882.79	80
90	882.79	886.21	889.64	893.08	896.52	899.97	903.43	906.89	910.37	913.84	917.33	90
100	917.33	920.82	924.32	927.83	931.34	934.87	938.39	941.93	945.47	949.02	952.58	100
110	952.58	956.14	959.71	963.29	966.88	970.47	974.07	977.68	981.29	984.91	988.54	110
120	988.54	992.18	995.82	999.47	1003.1	1006.8	1010.5	1014.1	1017.8	1021.5	1025.2	120
130	1025.2	1028.9	1032.6	1036.4	1040.1	1043.8	1047.6	1051.3	1055.1	1058.8	1062.6	130
140	1062.6	1066.4	1070.2	1074.0	1077.8	1081.6	1085.4	1089.2	1093.0	1096.9	1100.7	140
150	1100.7	1104.5	1108.4	1112.3	1116.1	1120.0	1123.9	1127.8	1131.7	1135.6	1139.5	150
160	1139.5	1143.4	1147.4	1151.3	1155.2	1159.2	1163.1	1167.1	1171.1	1175.0	1179.0	160
170	1179.0	1183.0	1187.0	1191.0	1195.0	1199.1	1203.1	1207.1	1211.2	1215.2	1219.3	170
180	1219.3	1223.3	1227.4	1231.5	1235.6	1239.6	1243.7	1247.8	1252.0	1256.1	1260.2	180
190	1260.2	1264.3	1268.5	1272.6	1276.8	1280.9	1285.1	1289.3	1293.5	1297.7	1301.9	190
200	1301.9	1306.1	1310.3	1314.5	1318.7							200

°C      0      1      2      3      4      5      6      7      8      9      10      °C