Ni-Fe°c

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 -180 -170 -160 -150	253.42 262.53 272.68 283.87 296.10	252.56 261.57 271.62 282.70 294.83	270.57 281.55	259.69 269.53 280.40	258.76 268.50 279.27	257.85 267.48 278.15	277.03	256.04 265.47 275.93	264.48 274.84	246.10 254.28 263.50 273.75 285.05	253.42 262.53 272.68	-190 -180 -170 -160 -150
-140 -130 -120 -110 -100	309.36 323.66 339.00 355.37 372.79	307.99 322.18 337.42 353.69 371.00		305.27 319.26 334.29 350.35 367.46	317.82 332.74 348.70	316.38 331.20	314.95 329.67 345.42	313.54 328.15 343.80	312.14 326.64 342.19	297.38 310.74 325.15 340.59 357.07		-140 -130 -120 -110 -100
-90 -80 -70 -60 -50	391.24 410.73 431.26 452.82 475.42		448.43	404.77 424.99 446.24	422.92 444.07	400.86 420.86 441.91	398.91 418.82 439.76	396.98 416.78 437.62	395.06 414.75 435.49	374.59 393.14 412.74 433.37 455.03	410.73	-90 -80 -70 -60 -50
-40 -30 -20 -10 0	499.06 523.74 549.46 576.21 604.00	521.23 546.84 573.49	518.72 544.23 570.78	516.23 541.63 568.07	513.75 539.05 565.38	511.27 536.47	508.81 533.90 560.03	531.35 557.37	554.72	477.74 501.48 526.27 552.09 578.94	499.06 523.74	-40 -30 -20 -10 0
0 10 20 30 40	604.00 632.13 660.97 690.52 720.79	634.98		640.71 669.76	643.58	646.46	649.35 678.62	652.24 681.58 711.63	655.14 684.56 714.68	629.28 658.05 687.54 717.73 748.64		0 10 20 30 40
50 60 70 80 90	751.77 783.45 815.86 848.97 882.79			761.20 793.10 825.71 859.04 893.08	829.01	832.32 865.79	802.81 835.64 869.18	806.06 838.96 872.57	809.32 842.29 875.97	780.25 812.58 845.62 879.38 913.84		50 60 70 80 90
100 110 120 130 140		992.18 1028.9	959.71 995.82 1032.6	963.29 999.47 1036.4	966.88 1003.1	970.47	974.07	977.68	981.29	1021.5 1058.8	952.58 988.54 1025.2 1062.6 1100.7	100 110 120 130 140
150 160 170 180 190	1139.5 1179.0	1143.4 1183.0 1223.3	1147.4 1187.0 1227.4	1151.3 1191.0 1231.5		1120.0 1159.2 1199.1 1239.6 1280.9	1123.9 1163.1 1203.1 1243.7 1285.1		1171.1 1211.2 1252.0	1175.0 1215.2 1256.1	1139.5 1179.0 1219.3 1260.2 1301.9	150 160 170 180 190
200	1301.9	1306.1	1310.3	1314.5	1318.7							200