

## RTD Temperature Vs. Resistance Table

NICKEL-IRON : FB    TCR = 0.00527

$R_0 = 908.4$

Temperature < 0°C:    A = 0.00463189    B = 6.96196E-06    C = -1.72771E-08

Temperature > 0°C:    A = 0.00463189    B = 6.96196E-06    C = -5.71203E-09

Values are in Ohms

Temp °C	-0	-1	-2	-3	-4	-5	-6	-7	-8	-9
-100	566.576									
-90	592.383	589.706	587.050	584.415	581.801	579.210	576.639	574.091	571.564	569.059
-80	620.302	617.418	614.554	611.710	608.887	606.084	603.302	600.541	597.801	595.081
-70	650.239	647.158	644.095	641.052	638.028	635.024	632.040	629.076	626.131	623.207
-60	682.101	678.831	675.579	672.346	669.131	665.935	662.758	659.600	656.461	653.341
-50	715.792	712.343	708.912	705.498	702.102	698.724	695.363	692.020	688.696	685.389
-40	751.219	747.601	743.999	740.414	736.846	733.294	729.760	726.242	722.742	719.258
-30	788.287	784.509	780.747	777.000	773.269	769.554	765.855	762.171	758.504	754.853
-20	826.903	822.975	819.061	815.161	811.277	807.408	803.553	799.714	795.890	792.081
-10	866.972	862.902	858.847	854.804	850.776	846.762	842.762	838.775	834.804	830.846
-0	908.400	904.199	900.010	895.835	891.672	887.522	883.385	879.262	875.152	871.055

Temp °C	+0	+1	+2	+3	+4	+5	+6	+7	+8	+9
0	908.400	912.614	916.840	921.080	925.331	929.596	933.872	938.161	942.463	946.777
10	951.103	955.442	959.793	964.156	968.532	972.920	977.319	981.732	986.156	990.592
20	995.040	999.501	1003.97	1008.46	1012.95	1017.46	1021.98	1026.51	1031.06	1035.61
30	1040.18	1044.76	1049.35	1053.95	1058.57	1063.19	1067.83	1072.48	1077.14	1081.81
40	1086.49	1091.19	1095.89	1100.61	1105.34	1110.08	1114.83	1119.59	1124.36	1129.15
50	1133.94	1138.75	1143.57	1148.40	1153.24	1158.09	1162.95	1167.82	1172.70	1177.60
60	1182.50	1187.42	1192.35	1197.28	1202.23	1207.19	1212.16	1217.14	1222.13	1227.13
70	1232.14	1237.16	1242.20	1247.24	1252.29	1257.36	1262.43	1267.51	1272.61	1277.71
80	1282.83	1287.95	1293.09	1298.23	1303.39	1308.55	1313.73	1318.91	1324.11	1329.31
90	1334.53	1339.75	1344.99	1350.23	1355.49	1360.75	1366.02	1371.31	1376.60	1381.90
100	1387.21	1392.54	1397.87	1403.21	1408.56	1413.92	1419.29	1424.66	1430.05	1435.45
110	1440.85	1446.27	1451.69	1457.13	1462.57	1468.02	1473.48	1478.95	1484.43	1489.92
120	1495.42	1500.92	1506.44	1511.96	1517.49	1523.03	1528.58	1534.14	1539.71	1545.28
130	1550.87	1556.46	1562.06	1567.67	1573.29	1578.92	1584.56	1590.20	1595.85	1601.51
140	1607.18	1612.86	1618.55	1624.24	1629.94	1635.65	1641.37	1647.10	1652.83	1658.57
150	1664.32	1670.08	1675.85	1681.62	1687.41	1693.20	1698.99	1704.80	1710.61	1716.44
160	1722.26	1728.10	1733.95	1739.80	1745.66	1751.52	1757.40	1763.28	1769.17	1775.07
170	1780.97	1786.88	1792.80	1798.73	1804.66	1810.60	1816.55	1822.51	1828.47	1834.44
180	1840.41	1846.40	1852.39	1858.39	1864.39	1870.40	1876.42	1882.44	1888.48	1894.52
190	1900.56	1906.61	1912.67	1918.74	1924.81	1930.89	1936.97	1943.07	1949.16	1955.27

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Temp °C	+0	+1	+2	+3	+4	+5	+6	+7	+8	+9
200	1961.38	1967.50	1973.62	1979.75	1985.89					