

# Ni-Fe° C

507.5 Ω Nickel - Iron RTD —0.00520 coefficient  
temperature in °C

°C	0	1	2	3	4	5	6	7	8	9	10	°C
Resistance in Ohms												
-80	344.10											-80
-70	362.05	360.22	358.40	356.59	354.78	352.98	351.19	349.41	347.63	345.86	344.10	-70
-60	380.74	378.84	376.94	375.06	373.18	371.30	369.44	367.58	365.73	363.89	362.05	-60
-50	400.14	398.17	396.20	394.24	392.29	390.35	388.41	386.48	384.56	382.65	380.74	-50
-40	420.25	418.20	416.17	414.14	412.12	410.11	408.10	406.10	404.10	402.12	400.14	-40
-30	441.05	438.94	436.83	434.74	432.64	430.56	428.48	426.41	424.35	422.30	420.25	-30
-20	462.53	460.35	458.18	456.02	453.86	451.70	449.56	447.42	445.29	443.17	441.05	-20
-10	484.69	482.44	480.20	477.97	475.74	473.53	471.31	469.11	466.91	464.72	462.53	-10
0	507.50	505.19	502.88	500.59	498.30	496.01	493.73	491.46	489.20	486.94	484.69	0
0	507.50	509.82	512.14	514.47	516.81	519.15	521.50	523.86	526.22	528.59	530.96	0
10	530.96	533.35	535.73	538.13	540.53	542.94	545.35	547.77	550.20	552.64	555.08	10
20	555.08	557.52	559.98	562.44	564.90	567.37	569.85	572.34	574.83	577.33	579.84	20
30	579.84	582.35	584.87	587.39	589.92	592.46	595.00	597.55	600.11	602.67	605.24	30
40	605.24	607.82	610.40	612.99	615.59	618.19	620.80	623.41	626.04	628.66	631.30	40
50	631.30	633.94	636.59	639.24	641.90	644.57	647.24	649.92	652.61	655.30	658.00	50
60	658.00	660.71	663.42	666.14	668.87	671.60	674.34	677.08	679.83	682.59	685.36	60
70	685.36	688.13	690.90	693.69	696.48	699.27	702.08	704.89	707.70	710.53	713.35	70
80	713.35	716.19	719.03	721.88	724.74	727.60	730.47	733.34	736.22	739.11	742.00	80
90	742.00	744.90	747.81	750.72	753.64	756.57	759.50	762.44	765.39	768.34	771.30	90
100	771.30	774.26	777.24	780.21	783.20	786.19	789.19	792.19	795.20	798.22	801.24	100
110	801.24	804.27	807.31	810.35	813.40	816.46	819.52	822.59	825.66	828.75	831.83	110
120	831.83	834.93	838.03	841.14	844.25	847.37	850.50	853.63	856.77	859.92	863.07	120
130	863.07	866.23	869.40	872.57	875.75	878.94	882.13	885.33	888.53	891.74	894.96	130
140	894.96	898.19	901.42	904.65	907.90	911.15	914.40	917.67	920.94	924.21	927.50	140
150	927.50	930.79	934.08	937.38	940.69	944.01	947.33	950.66	953.99	957.33	960.68	150
160	960.68	964.03	967.39	970.76	974.14	977.52	980.90	984.29	987.69	991.10	994.51	160
170	994.51	997.93	1001.36	1004.79	1008.23	1011.67	1015.12	1018.58	1022.04	1025.51	1028.99	170
180	1028.99	1032.48	1035.97	1039.46	1042.96	1046.47	1049.99	1053.51	1057.04	1060.58	1064.12	180
190	1064.12	1067.67	1071.22	1074.78	1078.35	1081.93	1085.51	1089.09	1092.69	1096.29	1099.89	190
200	1099.89	1103.51	1107.13	1110.75	1114.39	1118.03	1121.67	1125.32	1128.98	1132.65	1136.32	200
210	1136.32	1140.00	1143.68	1147.37	1151.07	1154.77	1158.48	1162.20	1165.92	1169.65	1173.39	210
220	1173.39	1177.13	1180.88	1184.64	1188.40	1192.17	1195.94	1199.73	1203.51	1207.31	1211.11	220
230	1211.11	1214.92	1218.73	1222.55	1226.38	1230.21	1234.05	1237.90	1241.75	1245.61	1249.48	230
240	1249.48	1253.35	1257.23	1261.11	1265.00	1268.90	1272.81	1276.72	1280.64	1284.56	1288.49	240
250	1288.49	1292.43	1296.37	1300.32	1304.28	1308.24	1312.21	1316.19	1320.17	1324.16	1328.16	250
260	1328.16											260
°C	0	1	2	3	4	5	6	7	8	9	10	°C