

ACI/1K-Nickel Sensors

Resistor Table: relative values of resistivity in steps of 1°C



Nickel 1000 OHMS @ 70°F +/-1.0 Ohm TCR 3.181 OHMS/°F									
IST AG NJ891.520.1W.K.015 891.06 OHMS @ 0°C TCR 6370 ppm/°C									
°F	OHM	°F	OHM	°F	OHM	°F	OHM	°F	OHM
-40	699.0	40	913.5	120	1151.9	200	1416.8	280	1710.9
-38	704.1	42	919.2	122	1158.2	202	1423.8	282	1718.6
-36	709.2	44	924.9	124	1164.5	204	1430.8	284	1726.4
-34	714.3	46	930.6	126	1170.8	206	1437.8	286	1734.2
-32	719.5	48	936.3	128	1177.2	208	1444.9	288	1742.0
-30	724.6	50	942.0	130	1183.5	210	1451.9	290	1749.8
-28	729.8	52	947.7	132	1189.9	212	1459.0	292	1757.7
-26	734.9	54	953.5	134	1196.3	214	1466.1	294	1765.5
-24	740.1	56	959.2	136	1202.7	216	1473.2	296	1773.4
-22	745.3	58	965.0	138	1209.1	218	1480.3	298	1781.3
-20	750.5	60	970.8	140	1215.6	220	1487.5	300	1789.3
-18	755.8	62	976.6	142	1222.0	222	1494.7		
-16	761.0	64	982.4	144	1228.5	224	1501.9		
-14	766.3	66	988.3	146	1235.0	226	1509.1		
-12	771.5	68	994.1	148	1241.5	228	1516.3		
-10	776.8	70	1000.0	150	1248.0	230	1523.5		
-8	782.1	72	1005.9	152	1254.6	232	1530.8		
-6	787.4	74	1011.8	154	1261.1	234	1538.1		
-4	792.8	76	1017.7	156	1267.7	236	1545.4		
-2	798.1	78	1023.6	158	1274.3	238	1552.7		
0	803.5	80	1029.6	160	1280.9	240	1560.0		
2	808.8	82	1035.6	162	1287.5	242	1567.4		
4	814.2	84	1041.5	164	1294.2	244	1574.8		
6	819.6	86	1047.5	166	1300.8	246	1582.2		
8	825.0	88	1053.5	168	1307.5	248	1589.6		
10	830.4	90	1059.6	170	1314.2	250	1597.0		
12	835.9	92	1065.6	172	1320.9	252	1604.5		
14	841.3	94	1071.7	174	1327.7	254	1611.9		
16	846.8	96	1077.8	176	1334.4	256	1619.4		
18	852.3	98	1083.8	178	1341.2	258	1627.0		
20	857.8	100	1090.0	180	1348.0	260	1634.5		
22	863.3	102	1096.1	182	1354.8	262	1642.0		
24	868.8	104	1102.2	184	1361.6	264	1649.6		
26	874.4	106	1108.4	186	1368.4	266	1657.2		
28	879.9	108	1114.5	188	1375.3	268	1664.8		
30	885.5	110	1120.7	190	1382.2	270	1672.4		
32	891.1	112	1126.9	192	1389.1	272	1680.1		
34	896.7	114	1133.2	194	1396.0	274	1687.8		
36	902.3	116	1139.4	196	1402.9	276	1695.4		
38	907.9	118	1145.7	198	1409.9	278	1703.2		
40	913.5	120	1151.9	200	1416.8	280	1710.9		