



1832 West Collins Avenue, Orange, CA 92867-5425 Tel:714-639-1000 Fax:714-639-1220
<http://www.ussensor.com> <mailto:sales@ussensor.com>

USP10976 (RESISTANCE VS. TEMPERATURE TABLE)

Temp (°C)	Temp (°F)	Resistance Ratio Rt/R @+25°C	TC (%/°C)	Resistance Ω
-55	-67.0	96.384900	-7.41	963,849.00
-54	-65.2	89.533200	-7.36	895,332.00
-53	-63.4	83.213000	-7.30	832,130.00
-52	-61.6	77.379900	-7.25	773,799.00
-51	-59.8	71.993400	-7.20	719,934.00
-50	-58.0	67.016600	-7.15	670,166.00
-49	-56.2	62.415900	-7.09	624,159.00
-48	-54.4	58.160500	-7.04	581,605.00
-47	-52.6	54.222500	-6.99	542,225.00
-46	-50.8	50.576300	-6.94	505,763.00
-45	-49.0	47.198500	-6.90	471,985.00
-44	-47.2	44.067400	-6.85	440,674.00
-43	-45.4	41.164000	-6.80	411,640.00
-42	-43.6	38.470300	-6.75	384,703.00
-41	-41.8	35.970000	-6.70	359,700.00
-40	-40.0	33.647900	-6.66	336,479.00
-39	-38.2	31.490400	-6.61	314,904.00
-38	-36.4	29.484800	-6.56	294,848.00
-37	-34.6	27.619400	-6.52	276,194.00
-36	-32.8	25.883800	-6.47	258,838.00
-35	-31.0	24.268100	-6.43	242,681.00
-34	-29.2	22.763200	-6.39	227,632.00
-33	-27.4	21.361000	-6.34	213,610.00
-32	-25.6	20.053900	-6.30	200,539.00
-31	-23.8	18.834900	-6.26	188,349.00
-30	-22.0	17.697400	-6.21	176,974.00
-29	-20.2	16.635600	-6.17	166,356.00
-28	-18.4	15.644100	-6.13	156,441.00
-27	-16.6	14.717700	-6.09	147,177.00
-26	-14.8	13.851800	-6.05	138,518.00
-25	-13.0	13.042100	-6.01	130,421.00
-24	-11.2	12.284700	-5.97	122,847.00
-23	-9.4	11.575900	-5.93	115,759.00

-22	-7.6	10.912200	-5.89	109,122.00
-21	-5.8	10.290600	-5.85	102,906.00
-20	-4.0	9.708100	-5.81	97,081.00
-19	-2.2	9.162100	-5.77	91,621.00
-18	-0.4	8.650100	-5.74	86,501.00
-17	1.4	8.169800	-5.70	81,698.00
-16	3.2	7.719000	-5.66	77,190.00
-15	5.0	7.295700	-5.63	72,957.00
-14	6.8	6.898200	-5.59	68,982.00
-13	8.6	6.524600	-5.55	65,246.00
-12	10.4	6.173600	-5.52	61,736.00
-11	12.2	5.843400	-5.48	58,434.00
-10	14.0	5.532900	-5.45	55,329.00
-9	15.8	5.240700	-5.41	52,407.00
-8	17.6	4.965600	-5.38	49,656.00
-7	19.4	4.706600	-5.34	47,066.00
-6	21.2	4.462600	-5.31	44,626.00
-5	23.0	4.232700	-5.28	42,327.00
-4	24.8	4.015900	-5.24	40,159.00
-3	26.6	3.811500	-5.21	38,115.00
-2	28.4	3.618700	-5.18	36,187.00
-1	30.2	3.436800	-5.15	34,368.00
0	32.0	3.265000	-5.11	32,650.00
1	33.8	3.102900	-5.08	31,029.00
2	35.6	2.949800	-5.05	29,498.00
3	37.4	2.805200	-5.01	28,052.00
4	39.2	2.668500	-4.98	26,685.00
5	41.0	2.539200	-4.95	25,392.00
6	42.8	2.417000	-4.92	24,170.00
7	44.6	2.301300	-4.89	23,013.00
8	46.4	2.191800	-4.86	21,918.00
9	48.2	2.088200	-4.83	20,882.00
10	50.0	1.990100	-4.80	19,901.00
11	51.8	1.897100	-4.77	18,971.00
12	53.6	1.809000	-4.74	18,090.00
13	55.4	1.725500	-4.71	17,255.00
14	57.2	1.646300	-4.69	16,463.00
15	59.0	1.571200	-4.66	15,712.00
16	60.8	1.499900	-4.63	14,999.00
17	62.6	1.432300	-4.60	14,323.00
18	64.4	1.368100	-4.57	13,681.00
19	66.2	1.307200	-4.54	13,072.00
20	68.0	1.249300	-4.52	12,493.00
21	69.8	1.194200	-4.50	11,942.00
22	71.6	1.141900	-4.47	11,419.00
23	73.4	1.092200	-4.44	10,922.00
24	75.2	1.045000	-4.41	10,450.00
25	77.0	1.000000	-4.39	10,000.00
26	78.8	0.957200	-4.36	9,572.00
27	80.6	0.916500	-4.34	9,165.00
28	82.4	0.877700	-4.31	8,777.00
29	84.2	0.840800	-4.28	8,408.00

30	86.0	0.805700	-4.26	8,057.00
31	87.8	0.772200	-4.24	7,722.00
32	89.6	0.740200	-4.22	7,402.00
33	91.4	0.709800	-4.18	7,098.00
34	93.2	0.680800	-4.16	6,808.00
35	95.0	0.653100	-4.14	6,531.00
36	96.8	0.626700	-4.12	6,267.00
37	98.6	0.601500	-4.09	6,015.00
38	100.4	0.577500	-4.07	5,775.00
39	102.2	0.554500	-4.05	5,545.00
40	104.0	0.532600	-4.02	5,326.00
41	105.8	0.511700	-4.00	5,117.00
42	107.6	0.491700	-3.99	4,917.00
43	109.4	0.472500	-3.96	4,725.00
44	111.2	0.454300	-3.93	4,543.00
45	113.0	0.436800	-3.91	4,368.00
46	114.8	0.420100	-3.89	4,201.00
47	116.6	0.404100	-3.87	4,041.00
48	118.4	0.388800	-3.85	3,888.00
49	120.2	0.374200	-3.82	3,742.00
50	122.0	0.360200	-3.80	3,602.00
51	123.8	0.346800	-3.78	3,468.00
52	125.6	0.334000	-3.76	3,340.00
53	127.4	0.321700	-3.75	3,217.00
54	129.2	0.309900	-3.73	3,099.00
55	131.0	0.298600	-3.70	2,986.00
56	132.8	0.287800	-3.68	2,878.00
57	134.6	0.277400	-3.66	2,774.00
58	136.4	0.267500	-3.64	2,675.00
59	138.2	0.257900	-3.63	2,579.00
60	140.0	0.248800	-3.60	2,488.00
61	141.8	0.240000	-3.58	2,400.00
62	143.6	0.231600	-3.56	2,316.00
63	145.4	0.223500	-3.56	2,235.00
64	147.2	0.215700	-3.52	2,157.00
65	149.0	0.208300	-3.50	2,083.00
66	150.8	0.201100	-3.51	2,011.00
67	152.6	0.194200	-3.48	1,942.00
68	154.4	0.187600	-3.44	1,876.00
69	156.2	0.181300	-3.42	1,813.00
70	158.0	0.175200	-3.42	1,752.00
71	159.8	0.169300	-3.40	1,693.00
72	161.6	0.163700	-3.39	1,637.00
73	163.4	0.158200	-3.38	1,582.00
74	165.2	0.153000	-3.33	1,530.00
75	167.0	0.148000	-3.31	1,480.00
76	168.8	0.143200	-3.32	1,432.00
77	170.6	0.138500	-3.32	1,385.00
78	172.4	0.134000	-3.28	1,340.00
79	174.2	0.129700	-3.28	1,297.00
80	176.0	0.125500	-3.27	1,255.00
81	177.8	0.121500	-3.21	1,215.00

82	179.6	0.117700	-3.19	1,177.00
83	181.4	0.114000	-3.20	1,140.00
84	183.2	0.110400	-3.17	1,104.00
85	185.0	0.107000	-3.13	1,070.00
86	186.8	0.103700	-3.13	1,037.00
87	188.6	0.100500	-3.14	1,005.00
88	190.4	0.097380	-3.13	973.80
89	192.2	0.094410	-3.09	944.10
90	194.0	0.091550	-3.07	915.50
91	195.8	0.088780	-3.06	887.80
92	197.6	0.086120	-3.04	861.20
93	199.4	0.083540	-3.03	835.40
94	201.2	0.081060	-3.01	810.60
95	203.0	0.078660	-2.99	786.60
96	204.8	0.076350	-2.97	763.50
97	206.6	0.074120	-2.96	741.20
98	208.4	0.071960	-2.95	719.60
99	210.2	0.069870	-2.93	698.70
100	212.0	0.067860	-2.92	678.60
101	213.8	0.065910	-2.91	659.10
102	215.6	0.064030	-2.88	640.30
103	217.4	0.062220	-2.87	622.20
104	219.2	0.060460	-2.86	604.60
105	221.0	0.058760	-2.84	587.60
106	222.8	0.057120	-2.83	571.20
107	224.6	0.055530	-2.82	555.30
108	226.4	0.053990	-2.81	539.90
109	228.2	0.052500	-2.79	525.00
110	230.0	0.051060	-2.77	510.60
111	231.8	0.049670	-2.76	496.70
112	233.6	0.048320	-2.75	483.20
113	235.4	0.047010	-2.73	470.10
114	237.2	0.045750	-2.71	457.50
115	239.0	0.044530	-2.71	445.30
116	240.8	0.043340	-2.70	433.40
117	242.6	0.042190	-2.68	421.90
118	244.4	0.041080	-2.67	410.80
119	246.2	0.040000	-2.65	400.00
120	248.0	0.038960	-2.64	389.60
121	249.8	0.037940	-2.64	379.40
122	251.6	0.036960	-2.61	369.60
123	253.4	0.036010	-2.60	360.10
124	255.2	0.035090	-2.59	350.90
125	257.0	0.034190	-2.59	341.90
126	258.8	0.033320	-2.57	333.20
127	260.6	0.032480	-2.56	324.80
128	262.4	0.031660	-2.54	316.60
129	264.2	0.030870	-2.53	308.70
130	266.0	0.030100	-2.52	301.00
131	267.8	0.029350	-2.50	293.50
132	269.6	0.028630	-2.50	286.30
133	271.4	0.027920	-2.49	279.20

134	273.2	0.027240	-2.46	272.40
135	275.0	0.026580	-2.46	265.80
136	276.8	0.025930	-2.45	259.30
137	278.6	0.025310	-2.43	253.10
138	280.4	0.024700	-2.43	247.00
139	282.2	0.024110	-2.43	241.10
140	284.0	0.023530	-2.42	235.30
141	285.8	0.022970	-2.39	229.70
142	287.6	0.022430	-2.39	224.30
143	289.4	0.021900	-2.37	219.00
144	291.2	0.021390	-2.36	213.90
145	293.0	0.020890	-2.35	208.90
146	294.8	0.020410	-2.33	204.10
147	296.6	0.019940	-2.33	199.40
148	298.4	0.019480	-2.34	194.80
149	300.2	0.019030	-2.29	190.30
150	302.0	0.018610	-2.27	186.10