DIN IEC 751 Temperature/Resistance Table for Platinum Sensors

Temp. (K)	Temp. (C)	Res. (ohms)	Temp. (K)	Temp. (C)	Res. (ohms)	Temp. (K)	Temp. (C)	Res. (ohms)
70	-203.15	17.1564	355	81.85	131.6025	645	371.85	237.3449
75	-198.15	19.3193	360	86.85	133.5080	650	376.85	239.0829
80	-193.15	21.4731	365	91.85	135.4105	655	381.85	240.8179
85	-188.15	23.6181	370	96.85	137.3102	660	386.85	242.5501
90	-183.15	25.7547	375	101.85	139.2070	665	391.85	244.2794
95	-178.15	27.8830	380	106.85	141.1009	670	396.85	246.0058
100	-173.15	30.0032	385	111.85	142.9919	675	401.85	247.7294
105	-168.15	32.1158	390	116.85	144.8800	680	406.85	249.4500
110	-163.15	34.2209	395	121.85	146.7652	685	411.85	251.1678
115	-158.15	36.3187	400	126.85	148.6475	690	416.85	252.8826
120	-153.15	38.4095	405	131.85	150.5270	695	421.85	254.5946
125	-148.15	40.4935	410	136.85	152.4035	700	426.85	256.3037
130	-143.15	42.5709	415	141.85	154.2772	705	431.85	258.0099
135	-138.15	44.6420	420	146.85	156.1480	710	436.85	259.7132
140	-133.15	46.7069	425	151.85	158.0159	715	441.85	261.4136
145	-128.15	48.7659	430	156.85	159.8809	720	446.85	263.1112
150	-123.15	50.8191	435	161.85	161.7430	725	451.85	264.8058
155	-118.15	52.8668	440	166.85	163.6023	730	456.85	266.4976
160	-113.15	54.9091	445	171.85	165.4586	735	461.85	268.1864
165	-108.15	56.9461	450	176.85	167.3121	740	466.85	269.8724
170	-103.15	58.9782	455	181.85	169.1627	745	471.85	271.5555
175	-98.15	61.0053	460	186.85	171.0104	750	476.85	273.2357
180	-93.15	63.0278	465	191.85	172.8552	755	481.85	274.9131
185	-88.15	65.0457	470	196.85	174.6971	760	486.85	276.5875
190	-83.15	67.0592	475	201.85	176.5361	765	491.85	278.2591
195	-78.15	69.0684	480	206.85	178.3722	770	496.85	279.9277
200	-73.15	71.0734	485	211.85	180.2055	775	501.85	281.5935
205	-68.15	73.0745	490	216.85	182.0359	780	506.85	283.2564
210	-63.15	75.0716	495	221.85	183.8633	785	511.85	284.9164
215	-58.15	77.0650	500	226.85	185.6879	790	516.85	286.5735
220	-53.15	79.0546	505	231.85	187.5096	795	521.85	288.2277
225	-48.15	81.0407	510	236.85	189.3284	800	526.85	289.8791
230	-43.15	83.0233	515	241.85	191.1444	805	531.85	291.5275
235	-38.15	85.0026	520	246.85	192.9574	810	536.85	293.1731
240	-33.15	86.9785	525	251.85	194.7675	815	541.85	294.8158
245	-28.15	88.9512	530	256.85	196.5748	820	546.85	296.4555
250	-23.15	90.9207	535	261.85	198.3792	825	551.85	298.0924
255	-18.15	92.8871	540	266.85	200.1807	830	556.85	299.7265
260	-13.15	94.8505	545	271.85	201.9793	835	561.85	301.3576
265	-8.15	96.8109	550	276.85	203.7750	840	566.85	302.9858
270	-3.15	98.7683	555	281.85	205.5678	845	571.85	304.6112
273.15	0.00	100.0000	560	286.85	207.3577	850	576.85	306.2336
275	1.85	100.7228	565	291.85	209.1448	855	581.85	307.8532
280	6.85	102.6745	570	296.85	210.9290	860	586.85	309.4699

285	11.85	104.6232	575	301.85	212.7102	865	591.85	311.0837
290	16.85	106.5691	580	306.85	214.4886	870	596.85	312.6946
295	21.85	108.5121	585	311.85	216.2641	875	601.85	314.3026
300	26.85	110.4522	590	316.85	218.0367	880	606.85	315.9078
305	31.85	112.3894	595	321.85	219.8065	885	611.85	317.5100
310	36.85	114.3237	600	326.85	221.5733	890	616.85	319.1094
315	41.85	116.2551	605	331.85	223.3373	895	621.85	320.7059
320	46.85	118.1836	610	336.85	225.0983	900	626.85	322.2994
325	51.85	120.1093	615	341.85	226.8565	905	631.85	323.8901
330	56.85	122.0320	620	346.85	228.6118	910	636.85	325.4780
335	61.85	123.9519	625	351.85	230.3642	915	641.85	327.0629
340	66.85	125.8689	630	356.85	232.1137	920	646.85	328.6449
345	71.85	127.7830	635	361.85	233.8603	925	651.85	330.2241
350	76.85	129.6942	640	366.85	235.6041	930	656.85	331.8003