

TABLE 39 100 Ω Platinum RTD — 0.003 90 coefficient
temperature in °C

°C	0	1	2	3	4	5	6	7	8	9	10	°C
Resistance in Ohms												
-200	17.47											-200
-190	21.83	21.40	20.96	20.53	20.09	19.66	19.22	18.78	18.35	17.91	17.47	-190
-180	26.16	25.73	25.30	24.86	24.43	24.00	23.57	23.13	22.70	22.27	21.83	-180
-170	30.45	30.03	29.60	29.17	28.74	28.31	27.88	27.45	27.02	26.59	26.16	-170
-160	34.72	34.29	33.87	33.44	33.01	32.59	32.16	31.74	31.31	30.88	30.45	-160
-150	38.95	38.53	38.11	37.68	37.26	36.84	36.41	35.99	35.57	35.14	34.72	-150
-140	43.16	42.74	42.32	41.90	41.48	41.06	40.64	40.22	39.79	39.37	38.95	-140
-130	47.34	46.92	46.50	46.09	45.67	45.25	44.83	44.41	44.00	43.58	43.16	-130
-120	51.50	51.08	50.67	50.25	49.84	49.42	49.00	48.59	48.17	47.76	47.34	-120
-110	55.63	55.22	54.81	54.39	53.98	53.57	53.15	52.74	52.33	51.91	51.50	-110
-100	59.75	59.34	58.93	58.52	58.10	57.69	57.28	56.87	56.46	56.04	55.63	-100
-90	63.84	63.43	63.03	62.62	62.21	61.80	61.39	60.98	60.57	60.16	59.75	-90
-80	67.92	67.51	67.11	66.70	66.29	65.88	65.48	65.07	64.66	64.25	63.84	-80
-70	71.98	71.58	71.17	70.76	70.36	69.95	69.55	69.14	68.73	68.33	67.92	-70
-60	76.03	75.62	75.22	74.81	74.41	74.00	73.60	73.20	72.79	72.39	71.98	-60
-50	80.05	79.65	79.25	78.85	78.44	78.04	77.64	77.24	76.83	76.43	76.03	-50
-40	84.07	83.67	83.27	82.87	82.47	82.06	81.66	81.26	80.86	80.46	80.05	-40
-30	88.07	87.67	87.27	86.87	86.47	86.07	85.67	85.27	84.87	84.47	84.07	-30
-20	92.06	91.66	91.26	90.86	90.47	90.07	89.67	89.27	88.87	88.47	88.07	-20
-10	96.04	95.64	95.24	94.84	94.45	94.05	93.65	93.25	92.86	92.46	92.06	-10
0	100.00	99.60	99.21	98.81	98.42	98.02	97.62	97.23	96.83	96.43	96.04	0
0	100.00	100.40	100.79	101.19	101.58	101.98	102.37	102.77	103.16	103.56	103.95	0
10	103.95	104.35	104.74	105.14	105.53	105.92	106.32	106.71	107.11	107.50	107.89	10
20	107.89	108.29	108.68	109.07	109.47	109.86	110.25	110.64	111.04	111.43	111.82	20
30	111.82	112.21	112.61	113.00	113.39	113.78	114.17	114.57	114.96	115.35	115.74	30
40	115.74	116.13	116.52	116.91	117.30	117.69	118.08	118.48	118.87	119.26	119.65	40
50	119.65	120.04	120.43	120.82	121.20	121.59	121.98	122.37	122.76	123.15	123.54	50
60	123.54	123.93	124.32	124.71	125.09	125.48	125.87	126.26	126.65	127.03	127.42	60
70	127.42	127.81	128.20	128.58	128.97	129.36	129.75	130.13	130.52	130.91	131.29	70
80	131.29	131.68	132.07	132.45	132.84	133.22	133.61	134.00	134.38	134.77	135.15	80
90	135.15	135.54	135.92	136.31	136.69	137.08	137.46	137.85	138.23	138.62	139.00	90
100	139.00	139.38	139.77	140.15	140.54	140.92	141.30	141.69	142.07	142.45	142.84	100
110	142.84	143.22	143.60	143.98	144.37	144.75	145.13	145.51	145.90	146.28	146.66	110
120	146.66	147.04	147.42	147.80	148.19	148.57	148.95	149.33	149.71	150.09	150.47	120
130	150.47	150.85	151.23	151.61	151.99	152.37	152.75	153.13	153.51	153.89	154.27	130
140	154.27	154.65	155.03	155.41	155.79	156.17	156.55	156.93	157.31	157.68	158.06	140
150	158.06	158.44	158.82	159.20	159.57	159.95	160.33	160.71	161.09	161.46	161.84	150
160	161.84	162.22	162.59	162.97	163.35	163.72	164.10	164.48	164.85	165.23	165.61	160
170	165.61	165.98	166.36	166.73	167.11	167.48	167.86	168.23	168.61	168.99	169.36	170
180	169.36	169.73	170.11	170.48	170.86	171.23	171.61	171.98	172.35	172.73	173.10	180
190	173.10	173.48	173.85	174.22	174.60	174.97	175.34	175.72	176.09	176.46	176.83	190
200	176.83	177.21	177.58	177.95	178.32	178.69	179.07	179.44	179.81	180.18	180.55	200
210	180.55	180.92	181.29	181.67	182.04	182.41	182.78	183.15	183.52	183.89	184.26	210
220	184.26	184.63	185.00	185.37	185.74	186.11	186.48	186.85	187.22	187.59	187.96	220
230	187.96	188.32	188.69	189.06	189.43	189.80	190.17	190.54	190.90	191.27	191.64	230
240	191.64	192.01	192.38	192.74	193.11	193.48	193.84	194.21	194.58	194.95	195.31	240
250	195.31	195.68	196.05	196.41	196.78	197.14	197.51	197.88	198.24	198.61	198.97	250
260	198.97	199.34	199.70	200.07	200.43	200.80	201.16	201.53	201.89	202.26	202.62	260
270	202.62	202.99	203.35	203.71	204.08	204.44	204.81	205.17	205.53	205.90	206.26	270
280	206.26	206.62	206.99	207.35	207.71	208.07	208.44	208.80	209.16	209.52	209.89	280
290	209.89	210.25	210.61	210.97	211.33	211.69	212.06	212.42	212.78	213.14	213.50	290
°C	0	1	2	3	4	5	6	7	8	9	10	°C

TABLE 39 100 Ω Platinum RTD — 0.003 90 coefficient
 temperature in °C

°C	0	1	2	3	4	5	6	7	8	9	10	°C
Resistance in Ohms												
300	213.50	213.86	214.22	214.58	214.94	215.30	215.66	216.02	216.38	216.74	217.10	300
310	217.10	217.46	217.82	218.18	218.54	218.90	219.26	219.62	219.98	220.33	220.69	310
320	220.69	221.05	221.41	221.77	222.13	222.48	222.84	223.20	223.56	223.91	224.27	320
330	224.27	224.63	224.99	225.34	225.70	226.06	226.41	226.77	227.13	227.48	227.84	330
340	227.84	228.20	228.55	228.91	229.26	229.62	229.97	230.33	230.69	231.04	231.40	340
350	231.40	231.75	232.11	232.46	232.81	233.17	233.52	233.88	234.23	234.59	234.94	350
360	234.94	235.29	235.65	236.00	236.35	236.71	237.06	237.41	237.77	238.12	238.47	360
370	238.47	238.82	239.18	239.53	239.88	240.23	240.59	240.94	241.29	241.64	241.99	370
380	241.99	242.34	242.70	243.05	243.40	243.75	244.10	244.45	244.80	245.15	245.50	380
390	245.50	245.85	246.20	246.55	246.90	247.25	247.60	247.95	248.30	248.65	249.00	390
400	249.00	249.35	249.70	250.05	250.39	250.74	251.09	251.44	251.79	252.14	252.49	400
410	252.49	252.83	253.18	253.53	253.88	254.22	254.57	254.92	255.27	255.61	255.96	410
420	255.96	256.31	256.65	257.00	257.35	257.69	258.04	258.38	258.73	259.08	259.42	420
430	259.42	259.77	260.11	260.46	260.80	261.15	261.49	261.84	262.18	262.53	262.87	430
440	262.87	263.22	263.56	263.91	264.25	264.59	264.94	265.28	265.62	265.97	266.31	440
450	266.31	266.65	267.00	267.34	267.68	268.03	268.37	268.71	269.05	269.40	269.74	450
460	269.74	270.08	270.42	270.76	271.11	271.45	271.79	272.13	272.47	272.81	273.15	460
470	273.15	273.50	273.84	274.18	274.52	274.86	275.20	275.54	275.88	276.22	276.56	470
480	276.56	276.90	277.24	277.58	277.92	278.26	278.60	278.93	279.27	279.61	279.95	480
490	279.95	280.29	280.63	280.97	281.31	281.64	281.98	282.32	282.66	282.99	283.33	490
500	283.33	283.67	284.01	284.34	284.68	285.02	285.35	285.69	286.03	286.36	286.70	500
510	286.70	287.04	287.37	287.71	288.05	288.38	288.72	289.05	289.39	289.72	290.06	510
520	290.06	290.39	290.73	291.06	291.40	291.73	292.07	292.40	292.74	293.07	293.40	520
530	293.40	293.74	294.07	294.41	294.74	295.07	295.41	295.74	296.07	296.41	296.74	530
540	296.74	297.07	297.40	297.74	298.07	298.40	298.73	299.07	299.40	299.73	300.06	540
550	300.06	300.39	300.72	301.06	301.39	301.72	302.05	302.38	302.71	303.04	303.37	550
560	303.37	303.70	304.03	304.36	304.69	305.02	305.35	305.68	306.01	306.34	306.67	560
570	306.67	307.00	307.33	307.66	307.99	308.32	308.64	308.97	309.30	309.63	309.96	570
580	309.96	310.29	310.61	310.94	311.27	311.60	311.93	312.25	312.58	312.91	313.23	580
590	313.23	313.56	313.89	314.21	314.54	314.87	315.19	315.52	315.85	316.17	316.50	590
600	316.50	316.82	317.15	317.48	317.80	318.13	318.45	318.78	319.10	319.43	319.75	600
610	319.75	320.08	320.40	320.72	321.05	321.37	321.70	322.02	322.34	322.67	322.99	610
620	322.99	323.31	323.64	323.96	324.28	324.61	324.93	325.25	325.58	325.90	326.22	620
630	326.22	326.54	326.86	327.19	327.51	327.83	328.15	328.47	328.80	329.12	329.44	630
640	329.44	329.76	330.08	330.40	330.72	331.04	331.36	331.68	332.00	332.32	332.64	640
650	332.64	332.96	333.28	333.60	333.92	334.24	334.56	334.88	335.20	335.52	335.84	650
660	335.84											660