

**Pt100 Temperature–Resistance Table**

°C	0	-10	-20	-30	-40	-50	-60	-70	-80	-90
-200	18.49	–	–	–	–	–	–	–	–	–
-100	60.25	56.12	52.11	48.00	43.87	39.71	35.53	31.32	27.08	22.80
0	100.00	96.09	92.16	88.22	84.27	80.31	76.33	72.33	68.33	64.30
°C	0	10	20	30	40	50	60	70	80	90
0	100.00	103.90	107.79	111.67	115.54	119.40	123.24	127.07	130.89	134.70
100	138.50	142.29	146.06	149.82	153.58	157.31	161.04	164.76	168.46	172.16
200	175.84	179.51	183.17	186.82	190.45	194.07	197.69	201.29	204.88	208.45
300	212.02	215.57	219.12	222.65	226.17	229.67	233.17	236.65	240.13	243.59
400	247.04	250.48	253.90	257.32	260.72	264.11	267.49	270.86	274.22	277.56
500	280.90	284.22	287.53	290.83	294.11	297.39	300.65	303.91	307.15	310.38
600	313.59	316.80	319.99	323.18	326.45	329.51	332.66	335.79	338.92	342.03
700	345.13	348.22	351.30	354.37	357.42	360.47	363.50	366.52	369.53	372.52
800	375.51	378.48	381.45	384.40	387.34	390.26	–	–	–	–

Temperature °C	Resistance Ω	Class A		Class B	
		Res. Error Ω	Temp. Error °C	Res. Error Ω	Temp. Error °C
-200	18.49	±0.24	±0.55	±0.56	±1.3
-100	60.25	±0.14	±0.35	±0.32	±0.8
0	100.00	±0.06	±0.15	±0.12	±0.3
100	138.50	±0.13	±0.35	±0.30	±0.8
200	175.84	±0.20	±0.55	±0.48	±1.3
300	212.02	±0.27	±0.75	±0.64	±1.8
400	247.04	±0.33	±0.95	±0.79	±2.3
500	280.90	±0.38	±1.15	±0.93	±2.8
600	313.59	±0.43	±1.35	±1.06	±3.3
650	329.51	±0.46	±1.45	±1.13	±3.6
700	345.13	–	–	±1.17	±3.8
800	375.51	–	–	±1.28	±4.3
850	390.26	–	–	±1.34	±4.6