

Chapter 9. Standard Resistance Value of Pt/RTD

Pt 100Ω

Unit : Ω

-200	-100	-0	Temperature (°C)	Temperature (°C)	0	100	200	300	400	500	600
18.49	60.25	100.00	-0	0	100.00	138.50	175.84	212.02	247.04	280.90	313.59
	56.19	96.09	-10	10	103.90	142.29	179.51	215.57	250.48	284.22	
	52.11	92.16	-20	20	107.79	146.06	183.17	219.12	253.90	287.53	
	48.00	88.22	-30	30	111.67	149.82	186.82	222.65	257.32	290.83	
	43.87	84.27	-40	40	115.54	153.58	190.45	226.17	260.72	294.11	
	39.71	80.31	-50	50	119.40	157.31	194.07	229.67	264.11	297.39	
	35.53	76.33	-60	60	123.24	161.04	197.69	233.17	267.49	300.65	
	31.32	72.33	-70	70	127.07	164.76	201.29	236.65	270.86	303.91	
	27.08	68.33	-80	80	130.89	168.46	204.88	240.13	274.22	307.15	
	22.80	64.30	-90	90	134.70	172.16	208.45	243.59	277.56	310.38	

Jpt 100Ω

Unit : Ω

-200	-100	-0	Temperature (°C)	Temperature (°C)	0	100	200	300	400	500	600
17.14	59.57	100.00	-0	0	100.00	139.16	177.13	213.30	249.56	284.02	317.28
	55.44	96.02	-10	10	103.97	143.01	180.86	217.54	253.06	284.40	
	51.29	92.02	-20	20	107.93	146.85	184.58	221.15	256.55	290.77	
	47.11	88.01	-30	30	111.88	150.67	188.29	224.74	260.02	294.12	
	42.91	83.99	-40	40	115.81	154.49	191.99	228.32	263.49	297.47	
	38.68	79.96	-50	50	119.73	158.29	195.67	231.89	266.94	300.80	
	34.42	75.91	-60	60	123.64	162.08	199.35	235.45	270.38	304.12	
	30.12	71.85	-70	70	127.54	165.86	203.01	238.99	273.80	307.43	
	25.80	67.77	-80	80	131.42	169.63	206.66	242.53	277.22	310.72	
	21.46	63.68	-90	90	135.30	173.38	210.30	246.05	280.63	314.01	