TABLE 1–RESISTANCE VERSUS TEMPERATURE FOR PT100 RTD ELEMENT

°C	Ω	°C	Ω	°C	Ω	°C	Ω	°C	Ω
−20	92.16	6	102.34	32	112.45	58	122.47	84	132.42
−19	92.55	7	102.73	33	112.83	59	122.86	85	132.8
−18	92.95	8	103.12	34	113.22	60	123.24	86	133.18
−17	93.34	9	103.51	35	113.61	61	123.63	87	133.57
−16	93.73	10	103.9	36	114	62	124.01	88	133.95
−15	94.12	11	104.29	37	114.38	63	124.39	89	134.33
−14	94.52	12	104.68	38	114.77	64	124.78	90	134.71
−13	94.91	13	105.07	39	115.15	65	125.16	91	135.09
−12	95.3	14	105.46	40	115.54	66	125.54	92	135.47
−11	95.69	15	105.85	41	115.93	67	125.93	93	135.85
−10	96.09	16	106.24	42	116.31	68	126.31	94	136.23
−9	96.48	17	106.63	43	116.7	69	126.69	95	136.61
−8	96.87	18	107.02	44	117.08	70	127.08	96	136.99
−7	97.26	19	107.4	45	117.47	71	127.46	97	137.37
−6	97.65	20	107.79	46	117.86	72	127.84	98	137.75
−5	98.04	21	108.18	47	118.24	73	128.22	99	138.13
−4	98.44	22	108.57	48	118.63	74	128.61	100	138.51
−3	98.83	23	108.96	49	119.01	75	128.99	101	138.88
−2	99.22	24	109.35	50	119.4	76	129.37	102	139.26
−1	99.61	25	109.73	51	119.78	77	129.75	103	139.64
0	100	26	110.12	52	120.17	78	130.13	104	140.02
1	100.39	27	110.51	53	120.55	79	130.52	105	140.4
2	100.78	28	110.9	54	120.94	80	130.9	106	140.78
3	101.17	29	111.29	55	121.32	81	131.28	107	141.16
4	101.56	30	111.67	56	121.71	82	131.66	108	141.54
5	101.95	31	112.06	57	122.09	83	132.04	109	141.91
								110	142.29