



TEMPERATURE VS. RESISTANCE CURVE

10,000 Ω TYPE 3, NTC THERMISTOR, GREYSTONE SENSOR CODES 07 & 40

TEMPERATURE (°C)	RESISTANCE (Ω)	TEMPERATURE (°F)	TEMPERATURE (°C)	RESISTANCE (Ω)	TEMPERATURE (°F)	TEMPERATURE (°C)	RESISTANCE (Ω)	TEMPERATURE (°F)
-40.0	239800.0	-40.0	14.0	15790.0	57.2	68.0	2122.0	154.4
-39.0	226000.0	-38.2	15.0	15130.0	59.0	69.0	2055.0	156.2
-38.0	213200.0	-36.4	16.0	14500.0	60.8	70.0	1990.0	158.0
-37.0	201100.0	-34.6	17.0	13900.0	62.6	71.0	1928.0	159.8
-36.0	189800.0	-32.8	18.0	13330.0	64.4	72.0	1868.0	161.6
-35.0	179200.0	-31.0	19.0	12790.0	66.2	73.0	1810.0	163.4
-34.0	169300.0	-29.2	20.0	12260.0	68.0	74.0	1754.0	165.2
-33.0	160000.0	-27.4	21.0	11770.0	69.8	75.0	1700.0	167.0
-32.0	151200.0	-25.6	22.0	11290.0	71.6	76.0	1648.0	168.8
-31.0	143000.0	-23.8	23.0	10840.0	73.4	77.0	1598.0	170.6
-30.0	135200.0	-22.0	24.0	10410.0	75.2	78.0	1549.0	172.4
-29.0	127900.0	-20.2	25.0	10000.0	77.0	79.0	1503.0	174.2
-28.0	121100.0	-18.4	26.0	9605.0	78.8	80.0	1458.0	176.0
-27.0	114600.0	-16.6	27.0	9227.0	80.6	81.0	1414.0	177.8
-26.0	108600.0	-14.8	28.0	8867.0	82.4	82.0	1372.0	179.6
-25.0	102900.0	-13.0	29.0	8523.0	84.2	83.0	1332.0	181.4
-24.0	97490.0	-11.2	30.0	8194.0	86.0	84.0	1293.0	183.2
-23.0	92430.0	-9.4	31.0	7880.0	87.8	85.0	1255.0	185.0
-22.0	87660.0	-7.6	32.0	7579.0	89.6	86.0	1218.0	186.8
-21.0	83160.0	-5.8	33.0	7291.0	91.4	87.0	1183.0	188.6
-20.0	78910.0	-4.0	34.0	7016.0	93.2	88.0	1149.0	190.4
-19.0	74910.0	-2.2	35.0	6752.0	95.0	89.0	1116.0	192.2
-18.0	71130.0	-0.4	36.0	6500.0	96.8	90.0	1084.0	194.0
-17.0	67570.0	1.4	37.0	6258.0	98.6	91.0	1053.0	195.8
-16.0	64200.0	3.2	38.0	6026.0	100.4	92.0	1023.0	197.6
-15.0	61020.0	5.0	39.0	5805.0	102.2	93.0	994.2	199.4
-14.0	58012.0	6.8	40.0	5592.0	104.0	94.0	966.3	201.2
-13.0	55170.0	8.6	41.0	5389.0	105.8	95.0	939.3	203.0
-12.0	52480.0	10.4	42.0	5193.0	107.6	96.0	913.2	204.8
-11.0	49940.0	12.2	43.0	5006.0	109.4	97.0	887.9	206.6
-10.0	47540.0	14.0	44.0	4827.0	111.2	98.0	863.4	208.4
-9.0	45270.0	15.8	45.0	4655.0	113.0	99.0	839.7	210.2
-8.0	43110.0	17.6	46.0	4489.0	114.8	100.0	816.8	212.0
-7.0	41070.0	19.4	47.0	4331.0	116.6	101.0	794.6	213.8
-6.0	39140.0	21.2	48.0	4179.0	118.4	102.0	773.1	215.6
-5.0	37310.0	23.0	49.0	4033.0	120.2	103.0	752.3	217.4
-4.0	35570.0	24.8	50.0	3893.0	122.0	104.0	732.1	219.2
-3.0	33930.0	26.6	51.0	3758.0	123.8	105.0	712.6	221.0
-2.0	32370.0	28.4	52.0	3629.0	125.6	106.0	693.6	222.8
-1.0	30890.0	30.2	53.0	3504.0	127.4	107.0	675.3	224.6
0.0	29490.0	32.0	54.0	3385.0	129.2	108.0	657.5	226.4
1.0	28150.0	33.8	55.0	3270.0	131.0	109.0	640.3	228.2
2.0	26890.0	35.6	56.0	3160.0	132.8	110.0	623.5	230.0
3.0	25690.0	37.4	57.0	3054.0	134.6	111.0	607.3	231.8
4.0	24550.0	39.2	58.0	2952.0	136.4	112.0	591.6	233.6
5.0	23460.0	41.0	59.0	2854.0	138.2	113.0	576.4	235.4
6.0	22430.0	42.8	60.0	2760.0	140.0	114.0	561.6	237.2
7.0	21450.0	44.6	61.0	2669.0	141.8	115.0	547.3	239.0
8.0	20520.0	46.4	62.0	2582.0	143.6	116.0	533.4	240.8
9.0	19630.0	48.2	63.0	2497.0	145.4	117.0	519.9	242.6
10.0	18790.0	50.0	64.0	2417.0	147.2	118.0	506.8	244.4
11.0	17980.0	51.8	65.0	2339.0	149.0	119.0	494.1	246.2
12.0	17220.0	53.6	66.0	2264.0	150.8	120.0	481.8	248.0
13.0	16490.0	55.4	67.0	2191.0	152.6			

NOTE: Temperature cycling below -25°C or above +125°C is not recommended.
Sensor tolerance is ±0.2°C in the range 0 to 70°C.