ST KNT 001 – Temperature Probe

Description

- 3-meter floor sensor for DINUY's Sensors with Analog Inputs.
- NTC Epoxy 10K at 25°C.
- High accuracy and stability over a wide temperature range.
- Ø7m.

Temperature Vs Resistance Curve

$R_{(25℃)}$=10.00kΩ $B_{(25℃/50℃)}$=3950.00K

T(℃)	R(KΩ)	T(℃)	R(KΩ)	T(℃)	R(KΩ)	T(℃)	R(KΩ)	T(℃)	R(KΩ)
-40.0	336.6000	19.0	13.0700	78.0	1.3410	137.0	0.2526	196.0	0.0677
-39.0	315.0000	20.0	12.4900	79.0	1.2980	138.0	0.2464	197.0	0.0663
-38.0	295.0000	21.0	11.9400	80.0	1.2560	139.0	0.2406	198.0	0.0650
-37.0	276.4000	22.0	11.4200	81.0	1.2160	140.0	0.2348	199.0	0.0637
-36.0	259.0000	23.0	10.9200	82.0	1.1780	141.0	0.2292	200.0	0.0623
-35.0	242.8000	24.0	10.4500	83.0	1.1410	142.0	0.2238	201.0	0.0612
-34.0	227.8000	25.0	10.0000	84.0	1.1050	143.0	0.2184	202.0	0.0601
-33.0	213.8000	26.0	9.5740	85.0	1.0710	144.0	0.2134	203.0	0.0590
-32.0	200.6000	27.0	9.1660	86.0	1.0380	145.0	0.2084	204.0	0.0580
-31.0	188.4000	28.0	8.7780	87.0	1.0060	146.0	0.2036	205.0	0.0570
-30.0	177.0000	29.0	8.4800	88.0	0.9750	147.0	0.1988	206.0	0.0560
-29.0	166.4000	30.0	8.0580	89.0	0.9450	148.0	0.1942	207.0	0.0550
-28.0	156.6000	31.0	7.7240	90.0	0.9160	149.0	0.1897	208.0	0.0540
-27.0	147.2000	32.0	7.4040	91.0	0.8880	150.0	0.1854	209.0	0.0531
-26.0	138.5000	33.0	7.0980	92.0	0.8620	151.0	0.1818	210.0	0.0521
-25.0	130.4000	34.0	6.8080	93.0	0.8360	152.0	0.1773	211.0	0.0512
-24.0	122.9000	35.0	6.5320	94.0	0.8110	153.0	0.1728	212.0	0.0503
-23.0	115.8000	36.0	6.2680	95.0	0.7870	154.0	0.1684	213.0	0.0494
-22.0	109.1000	37.0	6.0150	96.0	0.7640	155.0	0.1639	214.0	0.0486
-21.0	102.9000	38.0	5.7760	97.0	0.7410	156.0	0.1594	215.0	0.0477
-20.0	97.1200	39.0	5.5460	98.0	0.7200	157.0	0.1549	216.0	0.0469
-19.0	91.6600	40.0	5.3260	99.0	0.6990	158.0	0.1504	217.0	0.0461
-18.0	86.5400	41.0	5.1180	100.0	0.6790	159.0	0.1458	218.0	0.0453
-17.0	81.7200	42.0	4.9180	101.0	0.6590	160.0	0.1412	219.0	0.0445
-16.0	77.2200	43.0	4.7260	102.0	0.6400	161.0	0.1383	220.0	0.0438
-15.0	72.9800	44.0	4.5440	103.0	0.6220	162.0	0.1353	221.0	0.0430
-14.0	69.0000	45.0	4.3680	104.0	0.6050	163.0	0.1324	222.0	0.0423
-13.0	65.2600	46.0	4.2020	105.0	0.5880	164.0	0.1295	223.0	0.0416
-12.0	61.7600	47.0	4.0420	106.0	0.5714	165.0	0.1267	224.0	0.0409
-11.0	58.4600	48.0	3.8880	107.0	0.5556	166.0	0.1240	225.0	0.0402
-10.0	55.3400	49.0	3.7420	108.0	0.5402	167.0	0.1213	226.0	0.0395
-9.0	52.4200	50.0	3.6020	109.0	0.5252	168.0	0.1187	227.0	0.0389
-8.0	49.6600	51.0	3.4680	110.0	0.5108	169.0	0.1161	228.0	0.0382
-7.0	47.0800	52.0	3.3400	111.0	0.4968	170.0	0.1137	229.0	0.0376
-6.0	44.6400	53.0	3.2160	112.0	0.4832	171.0	0.1112	230.0	0.0370
-5.0	42.3400	54.0	3.0980	113.0	0.4702	172.0	0.1089	231.0	0.0364
-4.0	40.1600	55.0	2.9860	114.0	0.4574	173.0	0.1065	232.0	0.0358
-3.0	38.1200	56.0	2.8780	115.0	0.4452	174.0	0.1043	233.0	0.0352
-2.0	36.2000	57.0	2.7740	116.0	0.4334	175.0	0.1021	234.0	0.0346
-1.0	34.3800	58.0	2.6740	117.0	0.4218	176.0	0.1000	235.0	0.0340
0.0	32.6600	59.0	2.5800	118.0	0.4106	177.0	0.0980	236.0	0.0335
1.0	31.0400	60.0	2.4880	119.0	0.3998	178.0	0.0960	237.0	0.0330
2.0	29.5000	61.0	2.4000	120.0	0.3894	179.0	0.0940	238.0	0.0324
3.0	28.0600	62.0	2.3160	121.0	0.3792	180.0	0.0922	239.0	0.0319
4.0	26.6800	63.0	2.2340	122.0	0.3694	181.0	0.0903	240.0	0.0314
5.0	25.4000	64.0	2.1580	123.0	0.3598	182.0	0.0886	241.0	0.0310
6.0	24.1800	65.0	2.0820	124.0	0.3506	183.0	0.0868	242.0	0.0305
7.0	23.0200	66.0	2.0120	125.0	0.3416	184.0	0.0852	243.0	0.0300
8.0	21.9200	67.0	1.9420	126.0	0.3328	185.0	0.0835	244.0	0.0296
9.0	20.8800	68.0	1.8760	127.0	0.3244	186.0	0.0819	245.0	0.0291
10.0	19.9000	69.0	1.8130	128.0	0.3162	187.0	0.0804	246.0	0.0287
11.0	18.9700	70.0	1.7510	129.0	0.3082	188.0	0.0789	247.0	0.0283
12.0	18.2900	71.0	1.6930	130.0	0.3000	189.0	0.0774	248.0	0.0278
13.0	17.2600	72.0	1.6370	131.0	0.2930	190.0	0.0759	249.0	0.0274
14.0	16.4600	73.0	1.5820	132.0	0.2858	191.0	0.0745	250.0	0.0270
15.0	15.7100	74.0	1.5300	133.0	0.2788	192.0	0.0731		
16.0	15.0000	75.0	1.4800	134.0	0.2720	193.0	0.0717		
17.0	14.3200	76.0	1.4320	135.0	0.2652	194.0	0.0704		
18.0	13.6800	77.0	1.3850	136.0	0.2588	195.0	0.0690		