

SONDA NTC IP68



Codice		12.005.00.0001
Descrizione		Sonda di temperatura NTC IP68 + cavo 3m
Temperatura di immagazzinamento		0 ÷ 50°C Non condensante
ELEMENTO SENSIBILE	Sensore	NTC 10 kΩ ±1% a 25°C Beta 3435±1%
	Campo di lavoro	-50 ÷ 105°C
	Grado di protezione	IP68
	Materiale del contenitore	AISI 316
	Dimensioni del contenitore	Ø 6mm x 50mm
	Precisione	1% @ 25°C
CAVO	Sezione	2 x 0.22mm ²
	Resistenza elettrica	< 87.2 Ω/km (IEC 60344)
	Isolamento	Polypropylene (PP)
	Guaina	Thermoplastic Elastomer
	Diametro	Ø 3,3mm
	Lunghezza (L)	3m
	Colore anime	Bianco / Nero
	Colore guaina	Nero
	UV Resistent	yes (UL 1581 300h)
	Temperature Rating	-40°C to +105°C
	Voltage Rating	300V (Only Electronic use, not for Power)
	Conessioni	Terminali spellati, dimensioni: 5±1 mm

NTC SMD 10K BETA 3435 K

Resistance	NTC 10K Ω 25°C	B Value	3435 K at 25/85 deg.C
Resistance Tolerance	+/- 1%	B Value Tolerance	+/- 1%

Temperatura [°C]	Resistenza Minima [Ω]	Resistenza Nominale [Ω]	Resistenza Massima [Ω]
-50	314.933	329.518	344.623
-49	297.344	310.946	325.014
-48	280.915	293.535	306.622
-47	265.423	277.222	289.416
-46	251.028	262.019	273.461
-45	237.474	247.706	258.314
-44	224.736	234.319	244.201
-43	212.886	221.709	231.031
-42	201.665	209.923	218.618
-41	191.059	198.944	207.013
-40	181.215	188.500	196.059
-39	171.774	178.583	185.644
-38	162.876	169.242	175.839
-37	154.489	160.441	166.605
-36	146.579	152.145	157.907
-35	139.117	144.324	149.710
-34	132.075	136.947	141.984
-33	125.429	129.988	134.698
-32	119.153	123.420	127.826
-31	113.226	117.219	121.342
-30	107.625	111.364	115.222
-29	102.332	105.833	109.444
-28	97.328	100.607	103.987
-27	92.596	95.668	98.831
-26	88.120	90.997	93.959
-25	83.884	86.580	89.354
-24	79.875	82.401	84.999
-23	76.079	78.447	80.880

-22	72.484	74.703	76.983
-21	69.078	71.159	73.294
-20	65.851	67.801	69.803
-19	62.792	64.620	66.496
-18	59.891	61.606	63.364
-17	57.140	58.748	60.396
-16	54.530	56.038	57.583
-15	52.053	53.468	54.916
-14	49.702	51.029	52.387
-13	47.470	48.715	49.987
-12	45.350	46.518	47.711
-11	43.336	44.432	45.550
-10	41.422	42.450	43.499
-9	39.603	40.567	41.551
-8	37.874	38.778	39.700
-7	36.229	37.077	37.942
-6	34.664	35.460	36.271
-5	33.175	33.922	34.683
-4	31.758	32.459	33.172
-3	30.409	31.067	31.735
-2	29.125	29.741	30.368
-1	27.901	28.480	29.067
0	26.736	27.278	27.829
1	25.625	26.133	26.650
2	24.566	25.043	25.527
3	23.556	24.004	24.457
4	22.594	23.013	23.437
5	21.675	22.068	22.466
6	20.799	21.167	21.540
7	19.963	20.308	20.657
8	19.164	19.488	19.814
9	18.402	18.705	19.011
10	17.674	17.958	18.244
11	16.979	17.244	17.512
12	16.315	16.563	16.813

13	15.680	15.912	16.146
14	15.073	15.290	15.508
15	14.492	14.695	14.899
16	13.937	14.127	14.317
17	13.406	13.583	13.761
18	12.898	13.064	13.230
19	12.412	12.566	12.721
20	11.947	12.091	12.235
21	11.502	11.635	11.770
22	11.075	11.200	11.324
23	10.666	10.782	10.898
24	10.275	10.383	10.491
25	9.900	10.000	10.100
26	9.533	9.633	9.733
27	9.182	9.282	9.382
28	8.846	8.945	9.045
29	8.523	8.622	8.721
30	8.214	8.313	8.411
31	7.918	8.016	8.114
32	7.634	7.731	7.828
33	7.361	7.458	7.554
34	7.100	7.195	7.291
35	6.849	6.944	7.039
36	6.609	6.702	6.796
37	6.377	6.470	6.563
38	6.156	6.247	6.339
39	5.943	6.033	6.124
40	5.738	5.827	5.918
41	5.542	5.630	5.719
42	5.353	5.440	5.528
43	5.171	5.257	5.344
44	4.997	5.082	5.167
45	4.829	4.913	4.997
46	4.668	4.750	4.834
47	4.513	4.594	4.676

48	4.364	4.444	4.525
49	4.220	4.299	4.379
50	4.082	4.160	4.239
51	3.950	4.026	4.103
52	3.822	3.897	3.973
53	3.699	3.773	3.848
54	3.580	3.653	3.727
55	3.466	3.537	3.610
56	3.356	3.426	3.498
57	3.250	3.319	3.389
58	3.148	3.216	3.285
59	3.049	3.116	3.184
60	2.954	3.020	3.087
61	2.863	2.928	2.994
62	2.775	2.838	2.903
63	2.690	2.752	2.816
64	2.608	2.669	2.732
65	2.529	2.589	2.650
66	2.452	2.511	2.572
67	2.379	2.437	2.496
68	2.307	2.365	2.423
69	2.239	2.295	2.352
70	2.172	2.228	2.284
71	2.108	2.163	2.218
72	2.047	2.100	2.154
73	1.987	2.039	2.093
74	1.929	1.980	2.033
75	1.873	1.924	1.975
76	1.820	1.869	1.920
77	1.767	1.816	1.866
78	1.717	1.765	1.814
79	1.668	1.715	1.763
80	1.621	1.667	1.714
81	1.576	1.621	1.667
82	1.532	1.576	1.622

83	1.489	1.533	1.577
84	1.448	1.491	1.535
85	1.408	1.450	1.493
86	1.369	1.411	1.453
87	1.332	1.373	1.414
88	1.296	1.336	1.376
89	1.261	1.300	1.340
90	1.227	1.265	1.305
91	1.194	1.232	1.270
92	1.162	1.199	1.237
93	1.131	1.168	1.205
94	1.102	1.137	1.174
95	1.073	1.108	1.143
96	1.045	1.079	1.114
97	1.017	1.051	1.086
98	991	1.024	1.058
99	965	998	1.031
100	941	972	1.005
101	917	948	980
102	893	924	956
103	871	901	932
104	849	878	909
105	827	856	887
106	807	835	865
107	787	815	844
108	767	795	823
109	748	775	803
110	730	757	784
111	712	738	765
112	695	720	747
113	678	703	729
114	662	686	712
115	646	670	695
116	630	654	679
117	615	639	663

118	601	624	648
119	587	609	633
120	573	595	618
121	559	581	604
122	546	568	590
123	534	555	577
124	521	542	564
125	510	530	551