

NTC-10K-3950-WP-1M Temperature Sensor

Description

NTC based temperature sensor with a compact waterproof head, 1 meter long small diameter flexible wire and 2.54mm pitch interface connector.



Specifications

R25C/B25_50	10K/3950 Note 1
Power Rating	10mW
Head	3mm x 15mm, Waterproof Epoxy Coating
Connector	2.54mm pitch 2-pin female
Wire	100cm compact flexible type, 2mm outside diameter
Max Temperature	125C

Note 1: 1% accuracy

Resistance Table

Temp C	R(k)	Temp C	R(k)	Temp C	R(k)	Temp C	R(k)	Temp C	R(k)	Temp C	R(k)
-40	336.326	-12	61.732	16	15.001	44	4.544	72	1.638	100	0.680
-39	314.785	-11	58.434	17	14.324	45	4.371	73	1.583	101	0.662
-38	294.798	-10	55.337	18	13.681	46	4.204	74	1.531	102	0.643
-37	276.213	-9	52.408	19	13.071	47	4.043	75	1.481	103	0.626
-36	258.951	-8	49.654	20	12.493	48	3.890	76	1.432	104	0.609
-35	242.901	-7	47.065	21	11.942	49	3.744	77	1.386	105	0.592
-34	227.792	-6	44.629	22	11.418	50	3.604	78	1.341	106	0.576
-33	213.735	-5	42.335	23	10.921	51	3.470	79	1.298	107	0.561
-32	200.660	-4	40.162	24	10.449	52	3.341	80	1.256	108	0.546
-31	188.476	-3	38.118	25	10.000	53	3.218	81	1.216	109	0.531
-30	177.124	-2	36.190	26	9.571	54	3.100	82	1.178	110	0.517
-29	166.455	-1	34.374	27	9.164	55	2.987	83	1.141	111	0.503
-28	156.506	0	32.660	28	8.776	56	2.879	84	1.105	112	0.489
-27	147.227	1	31.036	29	8.407	57	2.775	85	1.071	113	0.476
-26	138.566	2	29.503	30	8.056	58	2.676	86	1.038	114	0.463
-25	130.478	3	28.056	31	7.720	59	2.580	87	1.005	115	0.450
-24	122.876	4	26.690	32	7.401	60	2.489	88	0.974	116	0.438
-23	115.773	5	25.399	33	7.096	61	2.401	89	0.944	117	0.425
-22	109.132	6	24.174	34	6.806	62	2.316	90	0.915	118	0.413
-21	102.920	7	23.016	35	6.530	63	2.236	91	0.889	119	0.402
-20	97.107	8	21.920	36	6.266	64	2.158	92	0.861	120	0.390
-19	91.631	9	20.885	37	6.014	65	2.084	93	0.836	121	0.380
-18	86.502	10	19.905	38	5.774	66	2.012	94	0.811	122	0.369
-17	81.697	11	18.974	39	5.546	67	1.944	95	0.787	123	0.359
-16	77.194	12	18.091	40	5.327	68	1.877	96	0.765	124	0.350
-15	72.969	13	17.256	41	5.117	69	1.814	97	0.742	125	0.340
-14	68.983	14	16.465	42	4.918	70	1.753	98	0.721		
-13	65.243	15	15.715	43	4.727	71	1.694	99	0.700		