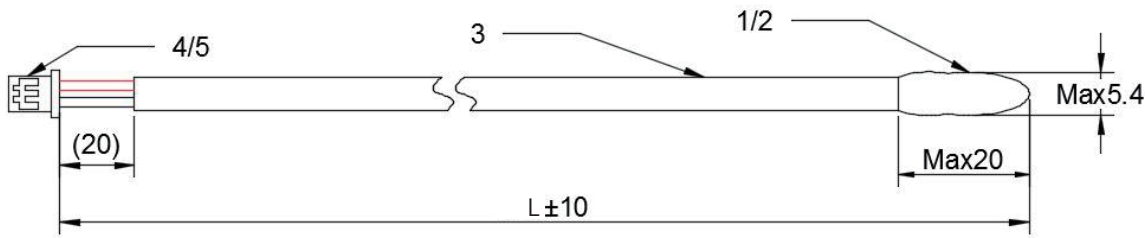


TEMPERATURE SENSOR PROBE SERIES

NTC Sensor -Probe Assembly with Plastic Housing

Model: GDSN103042

The temperature sensor adopt NTC thermistor chips and encapsulated in epoxy resin, the sensor has high stability and fast response.Used in home appliances, battery packs and car,etc.



Product parameters

1.Chip	NTC thermistor
2.Probe Material	Black epoxy resin
3.Wire Matetial	UL2464 26AWG 80°C 300V
4.Connector Terminal	PH2.0
5.Connector Housing	PH-2Y

Electrical Specifications

R(25)	5KΩ±2%
B(25/50)	3470K±2%
Operating temp.Range(°C)	-30 to +105°C
Response time in liquid	Max 15s
Insulation test	DC500V≥100MΩ 2s
Voltage withstand test	1500V AC 2mA 3S

Note: All parameters can be customized

FEATURES

- Good stability and high reliability
- High sensitivity and fast reaction speed
- Wide temperature range from -50 °C to +105°C
- Wide resistance range: 5KΩ-500KΩ
- Resistant to corrosive atmospheres and harsh environments
- Convenient installation

DONGGUAN CITU GUANDE SENSOR TECHNOLOGY .,LTD

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NTC THERMISTOR SERIES

High accuracy / Stable performance / Quick response

R25=5K Ω \pm 2% B25/50=3470K \pm 2%

T(°C)	Rnor(K Ω)	T(°C)	Rnor(K Ω)	T(°C)	Rnor(K Ω)	T(°C)	Rnor(K Ω)
-30	62.7686	5	11.3485	40	2.8701	75	0.9244
-29	59.4247	6	10.8667	41	2.7703	76	0.8976
-28	56.2809	7	10.4082	42	2.6745	77	0.8716
-27	53.3239	8	9.9716	43	2.5825	78	0.8466
-26	50.5415	9	9.5559	44	2.4942	79	0.8224
-25	47.9223	10	9.1599	45	2.4093	80	0.7989
-24	45.4557	11	8.7825	46	2.3278	81	0.7763
-23	43.132	12	8.4228	47	2.2494	82	0.7544
-22	40.942	13	8.0799	48	2.1741	83	0.7333
-21	38.8771	14	7.7529	49	2.1017	84	0.7128
-20	36.9295	15	7.441	50	2.0321	85	0.693
-19	35.0917	16	7.1434	51	1.9651	86	0.6738
-18	33.3571	17	6.8593	52	1.9006	87	0.6553
-17	31.7191	18	6.5881	53	1.8387	88	0.6373
-16	30.1717	19	6.3292	54	1.779	89	0.6199
-15	28.7095	20	6.0818	55	1.7216	90	0.6031
-14	27.3273	21	5.8455	56	1.6663	91	0.5868
-13	26.0202	22	5.6197	57	1.613	92	0.5711
-12	24.7836	23	5.4038	58	1.5618	93	0.5558
-11	23.6134	24	5.1974	59	1.5124	94	0.541
-10	22.5057	25	5	60	1.4648	95	0.5266
-9	21.4567	26	4.8112	61	1.419	96	0.5128
-8	20.4629	27	4.6305	62	1.3748	97	0.4993
-7	19.5212	28	4.4576	63	1.3322	98	0.4862
-6	18.6285	29	4.2921	64	1.2911	99	0.4736
-5	17.782	30	4.1336	65	1.2515	100	0.4613
-4	16.9791	31	3.9818	66	1.2133	101	0.4495
-3	16.2172	32	3.8364	67	1.1765	102	0.4379
-2	15.494	33	3.6971	68	1.1409	103	0.4268
-1	14.8074	34	3.5636	69	1.1066	104	0.4159
0	14.1552	35	3.4356	70	1.0735	105	0.4054
1	13.5357	36	3.3129	71	1.0416	106	0.3952
2	12.9469	37	3.1952	72	1.0108	107	0.3853
3	12.3871	38	3.0823	73	0.981	108	0.3757
4	11.8548	39	2.974	74	0.9522	109	0.3663

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