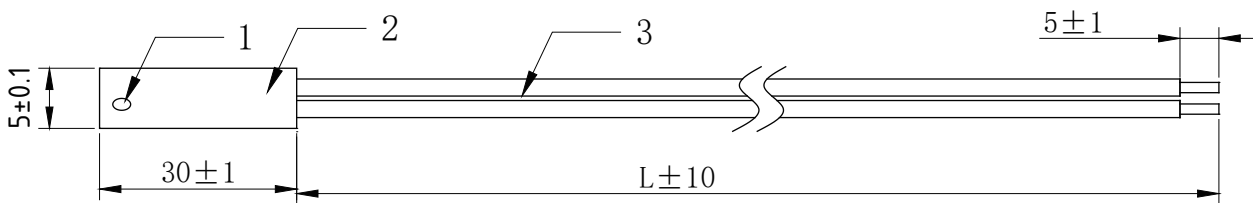


# TEMPERATURE SENSOR PROBE SERIES

NTC Sensor -Probe Assembly with Plastic Housing

Model: GDSN104041

The dishwasher temperature sensor adopt NTC thermistor chips and encapsulated in a plastic shell with epoxy resin, the sensor has high stability and fast response.Used in air conditioner, refrigerator,etc.



Product parameters	
1.Chip	Ntc thermistor
2.Shell	PTFE Shell
3.Wire	High temperature teflon wire black

Electrical Specifications	
R(25)	10KΩ±1%
B(25/50)	3950K±1%
Operating temp.Range(°C)	-30 to +125°C
Response time in liquid	Max 10s
Insulation test	DC500V≥100MΩ 2s
Voltage withstand test	3000V AC 2mA 60S

Note: All parameters can be customized

## FEATURES

- Good stability and high reliability
- High sensitivity and fast reaction speed
- Wide temperature range from -30 °C to +125 °C
- Wide resistance range: 5KΩ-500KΩ
- Resistant to corrosive atmospheres and harsh environments
- Convenient installation

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# NTC THERMISTOR SERIES

High accuracy / Stable performance / Quick response

R25=10K $\Omega$  $\pm$ 1% B25/50=3950K $\pm$ 1%

T( °C )	Rnor(K $\Omega$ )	T( °C )	Rnor(K $\Omega$ )	T( °C )	Rnor(K $\Omega$ )	T( °C )	Rnor(K $\Omega$ )
-30	179.2666	4	26.7556	38	5.7642	72	1.6231
-29	168.4053	5	25.4562	39	5.5342	73	1.5689
-28	158.2726	6	24.2274	40	5.3146	74	1.5168
-27	148.8151	7	23.065	41	5.1049	75	1.4667
-26	139.9837	8	21.965	42	4.9045	76	1.4185
-25	131.7332	9	20.9239	43	4.713	77	1.3722
-24	124.0216	10	19.938	44	4.53	78	1.3275
-23	116.8107	11	19.0041	45	4.3551	79	1.2845
-22	110.0648	12	18.1193	46	4.1878	80	1.2431
-21	103.7512	13	17.2807	47	4.0278	81	1.2033
-20	97.8396	14	16.4857	48	3.8748	82	1.1649
-19	92.302	15	15.7317	49	3.7283	83	1.1279
-18	87.1124	16	15.0164	50	3.5882	84	1.0923
-17	82.2471	17	14.3376	51	3.454	85	1.058
-16	77.6837	18	13.6933	52	3.3255	86	1.0249
-15	73.4018	19	13.0816	53	3.2025	87	0.993
-14	69.3823	20	12.5005	54	3.0846	88	0.9623
-13	65.6077	21	11.9485	55	2.9717	89	0.9326
-12	62.0616	22	11.4239	56	2.8635	90	0.904
-11	58.7288	23	10.9252	57	2.7597	91	0.8764
-10	55.5953	24	10.451	58	2.6603	92	0.8498
-9	52.648	25	10	59	2.5649	93	0.8241
-8	49.8747	26	9.5709	60	2.4734	94	0.7994
-7	47.2643	27	9.1626	61	2.3856	95	0.7754
-6	44.8062	28	8.7738	62	2.3014	96	0.7523
-5	42.4906	29	8.4037	63	2.2206	97	0.73
-4	40.3086	30	8.0512	64	2.1431	98	0.7085
-3	38.2516	31	7.7154	65	2.0686	99	0.6877
-2	36.3117	32	7.3953	66	1.997	100	0.6676
-1	34.4817	33	7.0903	67	1.9283	101	0.6482
0	32.7547	34	6.7995	68	1.8623	102	0.6295
1	31.1243	35	6.5221	69	1.7989	103	0.6113
2	29.5847	36	6.2576	70	1.738	104	0.5938
3	28.1301	37	6.0051	71	1.6794	105	0.5769