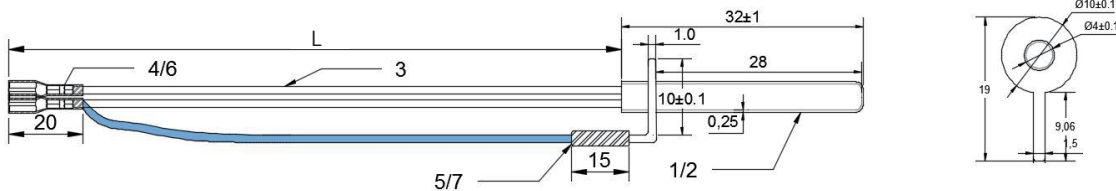
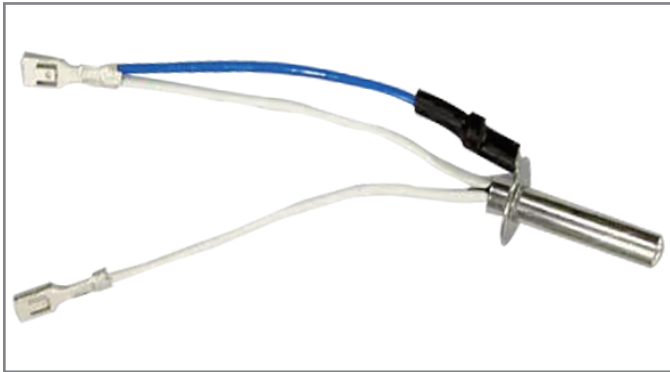


TEMPERATURE SENSOR PROBE SERIES

NTC Sensor -Probe Assembly with Flanged Housing

Model: GDSN103063

The temperature sensor adopt NTC thermistor chips and encapsulated in a stainless steel shell with epoxy resin, the sensor has high stability and fast response.Used in home appliances(water heater,coffee maker).



Product parameters	
1.Chip	NTC thermistor
2.Shell Material	Φ 4 * 32+ Φ 12 * 1.0 stainless steel shell with GND
3.Wire Matetial	UL1332 24AWG TS 200°C 300V White and blue
4.Connector Terminal 1	110 direct copper tin plating
5.Connector Terminal 2	Brass double U terminal
6.Sleeve 1	Φ4.0 black heat shrink sleeve
6.Sleeve 2	Φ3.5 black heat shrink sleeve

Electrical Specifications	
R(100)	6.26-6.36KΩ±1%
B(25/50)	3950K±1%
Operating temp.Range(°C)	-30 to +120°C
Response time in liquid	Max 6s
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 +120°C
- Wide resistance range: 5KΩ-500KΩ
- Resistant to corrosive atmospheres and harsh environments
- Convenient installation

NTC THERMISTOR SERIES

High accuracy / Stable performance / Quick response



R100=6.26-6.36KΩ±1% B25/50=3950K±1%

Temp. (deg. C)	Rnor (k Ohms)	Temp. (deg. C)	Rnor (k Ohms)	Temp. (deg. C)	Rnor (k Ohms)	Temp. (deg. C)	Rnor (k Ohms)
-30	1807.4939	5	251.752	40	51.8033	74	14.5573
-29	1696.7893	6	239.4936	41	49.7383	75	14.0691
-28	1593.594	7	227.9028	42	47.7663	76	13.5995
-27	1497.3516	8	216.9396	43	45.8825	77	13.1478
-26	1407.5504	9	206.5667	44	44.0826	78	12.7132
-25	1323.7191	10	196.7489	45	42.3624	79	12.295
-24	1245.4241	11	187.4537	46	40.7182	80	11.8924
-23	1172.2655	12	178.6503	47	39.146	81	11.5048
-22	1103.8749	13	170.3102	48	37.6424	82	11.1317
-21	1039.9124	14	162.4063	49	36.2042	83	10.7723
-20	980.0642	15	154.9136	50	34.8281	84	10.4262
-19	924.0409	16	147.8085	51	33.5112	85	10.0928
-18	871.5748	17	141.0689	52	32.2506	86	9.7715
-17	822.4186	18	134.674	53	31.0437	87	9.4619
-16	776.3437	19	128.6044	54	29.8879	88	9.1635
-15	733.1385	20	122.8418	55	28.7809	89	8.8759
-14	692.6073	21	117.3691	56	27.7203	90	8.5986
-13	654.5685	22	112.1703	57	26.704	91	8.3311
-12	618.8545	23	107.2301	58	25.7299	92	8.0732
-11	585.3091	24	102.5343	59	24.7961	93	7.8244
-10	553.7882	25	98.0697	60	23.9007	94	7.5844
-9	524.1577	26	93.8236	61	23.042	95	7.3528
-8	496.2933	27	89.7842	62	22.2183	96	7.1293
-7	470.0793	28	85.9404	63	21.428	97	6.9136
-6	445.4087	29	82.2818	64	20.6696	98	6.7053
-5	422.1815	30	78.7984	65	19.9417	99	6.5042
-4	400.3051	31	75.481	66	19.2428	100	6.31
-3	379.6933	32	72.3209	67	18.5718	101	6.1225
-2	360.2657	33	69.3097	68	17.9274	102	5.9414
-1	341.9475	34	66.4398	69	17.3084	103	5.7664
0	324.6692	35	63.7038	70	16.7137	104	5.5973
1	308.3659	36	61.0947	71	16.1422	105	5.4338
2	292.977	37	58.6062	72	15.5929	106	5.2759
3	278.4463	38	56.2319	73	15.0649	107	5.1232
4	264.721	39	53.9661				

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