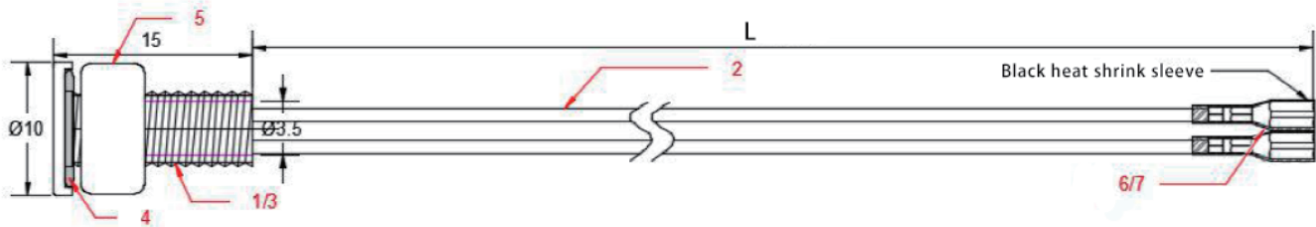


TEMPERATURE SENSOR PROBE SERIES

NTC Sensor -Probe Assembly with Thread Head

Model: GDSN104052

This temperature sensor is composed of a metal shell and is internally packaged with a negative temperature coefficient thermistor. The product is resistant to high temperatures, has good stability, and is waterproof. Used in coffee maker, water heater, instant heater, etc.



Product parameters

2.Wire	UL1332 26AWG Black
3.Shell	10*15+M6 thread stainless steel
4.Sealed Ring	8*1.58*1.5 rubber ring
5. Screw Nut	M6 screw nut
6.Connector Terminal	110 direct copper tin plating
7.Sleeve	φ4.0 black heat shrink sleeve

Electrical Specifications

R(25)	100KΩ±1%
B(25/50)	3950K±1%
Operating temp.Range(°C)	-30 to +105°C
Response time in liquid	Max 12s
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 -30 °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=100KΩ±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	1787.9797	5	254.2428	40	53.1635	75	14.6251
-29	1679.6017	6	241.9877	41	51.0651	76	14.1417
-28	1578.5061	7	230.394	42	49.0602	77	13.6764
-27	1484.1584	8	219.4224	43	47.1443	78	13.2286
-26	1396.0662	9	209.0361	44	45.313	79	12.7976
-25	1313.7754	10	199.2007	45	43.5621	80	12.3825
-24	1236.8685	11	189.8841	46	41.8878	81	11.9828
-23	1164.9598	12	181.0559	47	40.2862	82	11.5978
-22	1097.6941	13	172.6881	48	38.7539	83	11.227
-21	1034.7432	14	164.754	49	37.2876	84	10.8697
-20	975.8038	15	157.229	50	35.8842	85	10.5254
-19	920.5962	16	150.0898	51	34.5405	86	10.1935
-18	868.8615	17	143.3144	52	33.2538	87	9.8736
-17	820.3603	18	136.8825	53	32.0214	88	9.5652
-16	774.871	19	130.7749	54	30.8408	89	9.2678
-15	732.1889	20	124.9734	55	29.7096	90	8.9809
-14	692.1238	21	119.4612	56	28.6253	91	8.7042
-13	654.4999	22	114.2223	57	27.586	92	8.4373
-12	619.154	23	109.2417	58	26.5895	93	8.1797
-11	585.9346	24	104.5053	59	25.6338	94	7.9312
-10	554.7016	25	100	60	24.7171	95	7.6912
-9	525.3245	26	95.7132	61	23.8376	96	7.4596
-8	497.6821	27	91.6333	62	22.9937	97	7.236
-7	471.6621	28	87.7492	63	22.1836	98	7.0201
-6	447.1599	29	84.0505	64	21.4061	99	6.8115
-5	424.0781	30	80.5274	65	20.6594	100	6.6101
-4	402.3264	31	77.1707	66	19.9424	101	6.4155
-3	381.8204	32	73.9717	67	19.2537	102	6.2274
-2	362.4818	33	70.9222	68	18.592	103	6.0457
-1	344.2375	34	68.0144	69	17.9562	104	5.8701
0	327.0195	35	65.2411	70	17.3452	105	5.7003
1	310.764	36	62.5954	71	16.7578	106	5.5362
2	295.4121	37	60.0707	72	16.193	107	5.3775
3	280.9084	38	57.661	73	15.6499	108	5.224
4	267.2014	39	55.3604	74	15.1276	109	5.0755

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