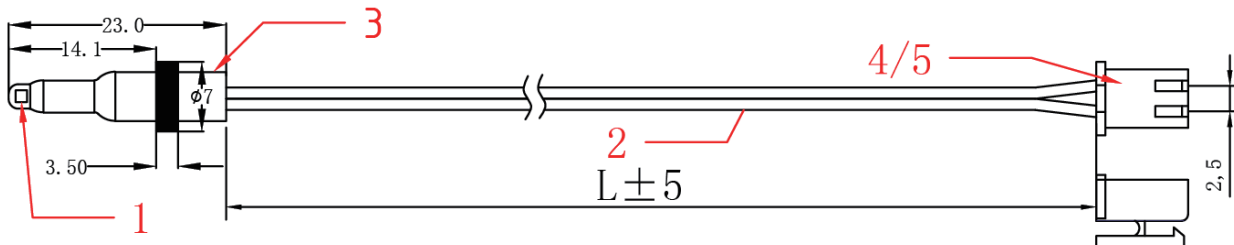


TEMPERATURE SENSOR PROBE SERIES

NTC Sensor -Probe Assembly with Bullet Head Housing

Model: GDSN104015

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.



Product parameters

Shell	φ4*23+φ7*3.4 Copper ring bullet head
Wire	UL4413 26AWG TS 150°C 300V Black
Connector Terminal	XH
Connector Housing	XHB-2Y with buckle

Electrical Specifications

R(100)	6.5535KΩ ± 2%
B(25/50)	3950K ± 1%
Operating temp.Range(°C)	-30 to +120°C
Response time in liquid	Max 5s
Insulation test	DC500V ≥ 100MΩ 2s
Voltage withstand test	1800V 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

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NTC THERMISTOR SERIES

High accuracy / Stable performance / Quick response

R25=10KΩ±1% B25/85=3435K±1%

T(°C)	Rnor(KΩ)	T(°C)	Rnor(KΩ)	T(°C)	Rnor(KΩ)	T(°C)	Rnor(KΩ)
-30	1772.5352	7	228.4039	44	44.9216	81	11.8793
-29	1665.0933	8	217.5271	45	43.1858	82	11.4977
-28	1564.871	9	207.2305	46	41.5259	83	11.13
-27	1471.3383	10	197.4801	47	39.9382	84	10.7758
-26	1384.007	11	188.2438	48	38.4192	85	10.4344
-25	1302.427	12	179.492	49	36.9655	86	10.1055
-24	1226.1844	13	171.1964	50	35.5742	87	9.7883
-23	1154.897	14	163.3309	51	34.2421	88	9.4825
-22	1088.2123	15	155.8709	52	32.9666	89	9.1877
-21	1025.8051	16	148.7933	53	31.7448	90	8.9033
-20	967.3748	17	142.0765	54	30.5744	91	8.629
-19	912.6441	18	135.7001	55	29.4529	92	8.3644
-18	861.3563	19	129.6452	56	28.3781	93	8.1091
-17	813.274	20	123.8939	57	27.3477	94	7.8627
-16	768.1777	21	118.4293	58	26.3598	95	7.6248
-15	725.8643	22	113.2356	59	25.4124	96	7.3952
-14	686.1453	23	108.298	60	24.5036	97	7.1735
-13	648.8463	24	103.6026	61	23.6317	98	6.9595
-12	613.8057	25	99.1362	62	22.795	99	6.7527
-11	580.8733	26	94.8865	63	21.992	100	6.553
-10	549.9101	27	90.8418	64	21.2212	101	6.3601
-9	520.7867	28	86.9912	65	20.481	102	6.1737
-8	493.3831	29	83.3245	66	19.7702	103	5.9935
-7	467.5879	30	79.8318	67	19.0874	104	5.8194
-6	443.2973	31	76.5041	68	18.4314	105	5.6511
-5	420.4149	32	73.3327	69	17.8011	106	5.4884
-4	398.8511	33	70.3095	70	17.1953	107	5.331
-3	378.5223	34	67.4269	71	16.613	108	5.1789
-2	359.3507	35	64.6775	72	16.0531	109	5.0317
-1	341.264	36	62.0547	73	15.5147	110	4.8893
0	324.1947	37	59.5518	74	14.9969	111	4.7516
1	308.0797	38	57.1629	75	14.4988	112	4.6183
2	292.8604	39	54.8822	76	14.0195	113	4.4894
3	278.482	40	52.7043	77	13.5583	114	4.3645
4	264.8933	41	50.624	78	13.1144	115	4.2437
5	252.0467	42	48.6364	79	12.687	116	4.1267
6	239.8974	43	46.7371	80	12.2755	117	4.0135