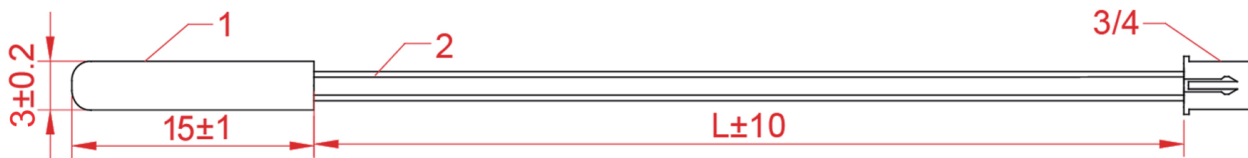
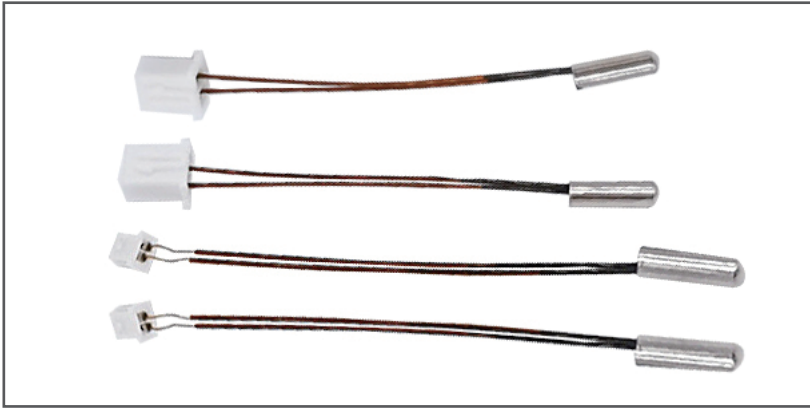


TEMPERATURE SENSOR PROBE SERIES

NTC Sensor -Probe Assembly with Tube Shell

Model: GDSN104011

The temperature sensor adopt NTC thermistor chips and encapsulated in a metal shell with epoxy resin, the sensor has high stability and fast response.Used in 3d printer, split extruder,medical device,etc.



Product parameters

1.Shell	φ3*15mm stainless steel
2.Wire	Metal wire
3.Connector Terminal	XH-T
4.Connector Housing	XH-2Y

Electrical Specifications

R(25)	100KΩ±3%
B(25/50)	3950K±1%
Operating temp.Range(°C)	-40 to +125°C
Response time in liquid	Max 10s
Insulation test	DC500V≥100MΩ 2s
Voltage withstand test	1500V AC 10mA 3S

Note: All parameters can be customized

FEATURES

- Good stability and high reliability
- High sensitivity and fast reaction speed
- Wide temperature range from -40 °C to +125 °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=100K Ω \pm 3% B25/50=3950K \pm 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	1787.98	5	254.243	40	53.164	75	14.625
-29	1679.602	6	241.988	41	51.065	76	14.142
-28	1578.506	7	230.394	42	49.06	77	13.676
-27	1484.158	8	219.422	43	47.144	78	13.229
-26	1396.066	9	209.036	44	45.313	79	12.798
-25	1313.775	10	199.201	45	43.562	80	12.383
-24	1236.869	11	189.884	46	41.888	81	11.983
-23	1164.96	12	181.056	47	40.286	82	11.598
-22	1097.694	13	172.688	48	38.754	83	11.227
-21	1034.743	14	164.754	49	37.288	84	10.87
-20	975.804	15	157.229	50	35.884	85	10.525
-19	920.596	16	150.09	51	34.541	86	10.194
-18	868.862	17	143.314	52	33.254	87	9.874
-17	820.36	18	136.883	53	32.021	88	9.565
-16	774.871	19	130.775	54	30.841	89	9.268
-15	732.189	20	124.973	55	29.71	90	8.981
-14	692.124	21	119.461	56	28.625	91	8.704
-13	654.5	22	114.222	57	27.586	92	8.437
-12	619.154	23	109.242	58	26.59	93	8.18
-11	585.935	24	104.505	59	25.634	94	7.931
-10	554.702	25	100	60	24.717	95	7.691
-9	525.325	26	95.713	61	23.838	96	7.46
-8	497.682	27	91.633	62	22.994	97	7.236
-7	471.662	28	87.749	63	22.184	98	7.02
-6	447.16	29	84.051	64	21.406	99	6.812
-5	424.078	30	80.527	65	20.659	100	6.61
-4	402.326	31	77.171	66	19.942	101	6.416
-3	381.82	32	73.972	67	19.254	102	6.227
-2	362.482	33	70.922	68	18.592	103	6.046
-1	344.238	34	68.014	69	17.956	104	5.87
0	327.02	35	65.241	70	17.345	105	5.7
1	310.764	36	62.595	71	16.758	106	5.536
2	295.412	37	60.071	72	16.193	107	5.378
3	280.908	38	57.661	73	15.65	108	5.224
4	267.201	39	55.36	74	15.128	109	5.076

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