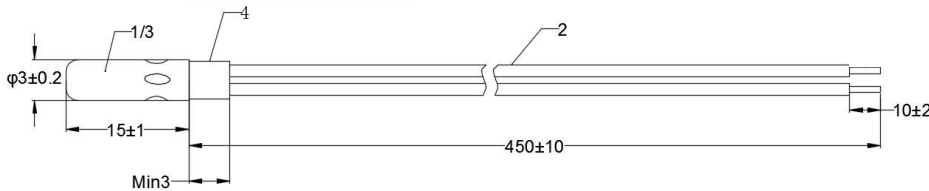
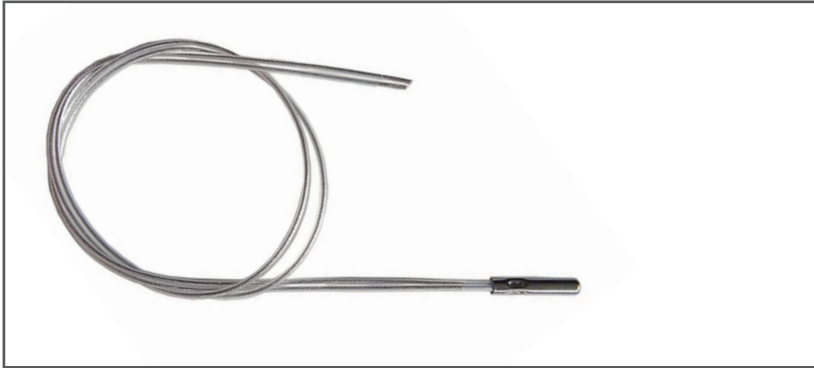


TEMPERATURE SENSOR PROBE SERIES

NTC Sensor -Probe Assembly with Plastic Housing

Model: GDPT100002

The temperature sensor adopt PT chips and encapsulated in stainless steel, the sensor has high stability and fast response.Used in storage energy, battery packs and car,etc.



Product parameters

1.Chip	PT100/PT1000 class B
2.Wire Matetial	24 # silver plated Teflon transparent wire
3.Probe Material	$\Phi 3^*15$ stainless steel
4.Sleeve	Transparent heat shrink tube

Electrical Specifications

Operating temp.Range($^{\circ}C$)	-30 to +200 $^{\circ}C$
Response time in liquid	Max 10s
Insulation test	DC500V \geq 100M Ω 2s
Voltage withstand test	1000V 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 -50 $^{\circ}C$ to +200 $^{\circ}C$
- Wide resistance range: 5K Ω -500K Ω
- 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

Chip: PT1000 class B

T[°C]	R[Ω]	T[°C]	R[Ω]	T[°C]	R[Ω]	T[°C]	R[Ω]
-50	803.06	-11	956.94	28	1108.98	67	1259.26
-49	807.03	-10	960.86	29	1112.86	68	1263.09
-48	811	-9	964.78	30	1116.73	69	1266.92
-47	814.97	-8	968.7	31	1120.6	70	1270.75
-46	818.94	-7	972.61	32	1124.47	71	1274.58
-45	822.9	-6	976.53	33	1128.35	72	1278.4
-44	826.87	-5	980.44	34	1132.21	73	1282.23
-43	830.83	-4	984.36	35	1136.08	74	1286.05
-42	834.79	-3	988.27	36	1139.95	75	1289.87
-41	838.75	-2	992.18	37	1143.82	76	1293.7
-40	842.71	-1	996.09	38	1147.68	77	1297.52
-39	846.66	0	1000	39	1151.55	78	1301.33
-38	850.62	1	1003.91	40	1155.41	79	1305.15
-37	854.57	2	1007.81	41	1159.27	80	1308.97
-36	858.53	3	1011.72	42	1163.13	81	1312.78
-35	862.48	4	1015.62	43	1166.99	82	1316.6
-34	866.43	5	1019.53	44	1170.85	83	1320.41
-33	870.38	6	1023.43	45	1174.7	84	1324.22
-32	874.32	7	1027.33	46	1178.56	85	1328.03
-31	878.27	8	1031.23	47	1182.41	86	1331.84
-30	882.22	9	1035.13	48	1186.27	87	1335.65
-29	886.16	10	1039.03	49	1190.12	88	1339.46
-28	890.1	11	1042.92	50	1193.97	89	1343.26
-27	894.04	12	1046.82	51	1197.82	90	1347.07
-26	897.98	13	1050.71	52	1201.67	91	1350.87
-25	901.92	14	1054.6	53	1205.52	92	1354.68
-24	905.86	15	1058.49	54	1209.36	93	1358.48
-23	909.8	16	1062.38	55	1213.21	94	1362.28
-22	913.73	17	1066.27	56	1217.05	95	1366.08
-21	917.67	18	1070.16	57	1220.9	96	1369.87
-20	921.6	19	1074.05	58	1224.74	97	1373.67
-19	925.53	20	1077.94	59	1228.58	98	1377.47
-18	929.46	21	1081.82	60	1232.42	99	1381.26
-17	933.39	22	1085.7	61	1236.26	100	1385.06
-16	937.32	23	1089.59	62	1240.09	101	1388.85
-13	941.24	24	1093.47	63	1243.93	102	1392.64
-14	945.17	25	1097.35	64	1247.77	103	1396.43
-13	949.09	26	1101.23	65	1251.6	104	1400.22
-12	953.02	27	1105.1	66	1255.43	105	1404.00

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