

Type A266T NTC Thermistor

Thermometrics Type A266T NTC Thermistor is a precision, solid state temperature sensor, designed with a tight interchangeable tolerance, small size, and stainless steel housing for both intermittent and continuous temperature monitoring. The stainless steel housing provides our NTC thermistor with robust mechanical and fluid protection.

Features

- 10K ohm @ 25°C
- Interchangeable/Clinical Accuracy
 - $\pm 0.05^\circ\text{C}$ from 35°C to 39°C
 - $\pm 0.075^\circ\text{C}$ from 39°C to 42°C
 - $\pm 0.10^\circ\text{C}$ from 20°C to 45°C
 - $\pm 0.15^\circ\text{C}$ from 0°C to 50°C
- 25/85 Beta of 3969K
- 316 Series Stainless Steel Housing
- #30 AWG (7x38) TFE Insulated Leads
- Operating range: -40°C to 105°C

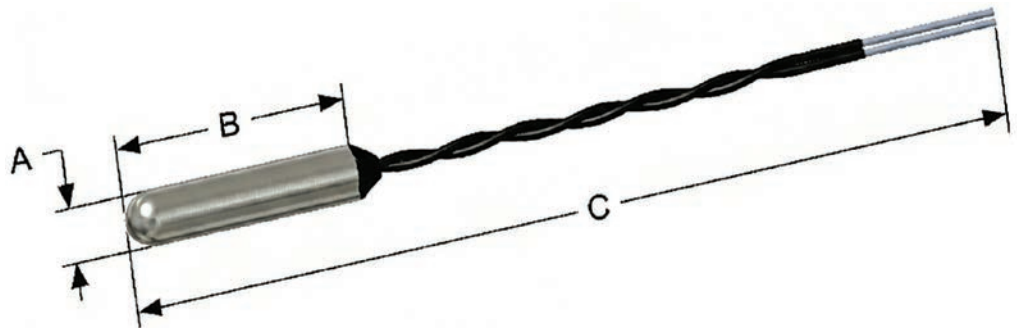
Applications

- In Vitro Diagnostic (IVD) Analyzers
- Wearable Skin Sensors
- Blood Analysis
- Dialysis Equipment
- Surgical Instruments



Resistance vs. Temperature

Temp (°C)	Resistance (Ω)
-40	342277.8
-30	179086.2
-20	97832.4
-10	55588.5
0	32739.8
10	19925.5
20	12496.1
25	10000.0
30	8055.4
37	6014.2
40	5325.5
50	3603.5
60	2491.0
70	1756.3
80	1261.1
90	920.9
100	683.1
105	591.6



A: 0.085" MAX OD
B: 0.400" \pm 0.015"
C: 24" MIN

Medical Disclaimer "You are hereby advised that Amphenol Advanced Sensors has not performed any biocompatibility or clinical testing of these products. The responsibility to ensure that all products comply with all applicable federal, state, and local laws lies with the OEM manufacturer or user."