



Type AB Series NTC Thermistors for Medical

Thermometrics Type AB Series NTC Thermistors are precision, solid state temperature sensors, with a miniature assembly design providing a very fast response time and excellent point isolation of the temperature measurement. The miniature assembly package allows for insertion into hypodermic needles, catheters, or other small housings.

Features

- Chip in Glass technology with proven reliability
- Resistance: 14004 ohms nominal @ 37°C
- 25/50 Beta: 3500K nominal
- Very fast response time
- Small profile for tight spaces
- Excellent point isolation of measurement
- Continuous output

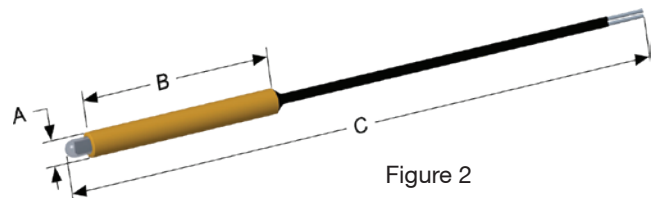
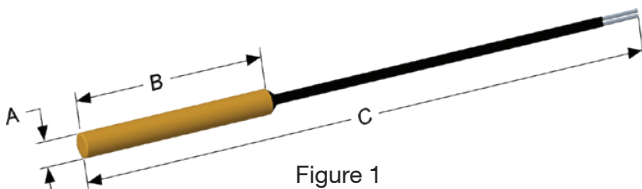
Applications

- Cardiovascular Monitoring
- Thermal Dilution Catheters
- Surgical Instruments
- Foley Catheters
- Esophageal Catheters
- Internal Body Temperature Monitoring
- Disposable Temperature Probes

Resistance vs. Temperature					
Temp (°C)	Res (ohms)	Temp (°C)	Res (ohms)	Temp (°C)	Res (ohms)
0	62775.7	17	30268.7	34	15634.0
1	60014.5	18	29062.1	35	15067.5
2	57390.3	19	27910.2	36	14524.5
3	54895.4	20	26810.2	37	14004.0
4	52522.9	21	25759.6	38	13504.9
5	50266.1	22	24755.8	39	13026.2
6	48118.9	23	23796.6	40	12567.0
7	46075.4	24	22879.8	41	12126.3
8	44129.9	25	22003.2	42	11703.5
9	42277.4	26	21165.0	43	11297.6
10	40512.9	27	20363.1	44	10907.9
11	38831.8	28	19596.0	45	10533.7
12	37229.7	29	18861.9	46	10174.2
13	35702.5	30	18159.2	47	9828.9
14	34246.4	31	17486.5	48	9497.1
15	32857.6	32	16842.2	49	9178.2
16	31532.8	33	16225.2	50	8871.7



SKU	Description	Res. Tol. @ 37°C	Figure	"A" (OD Max)	"B" (Sleeve Length)	"C" (Total Length)	Lead Type
500804	AB6B2-GC14KA143L/37C	±15%	1	0.022"	0.090"±0.010"	72.0" min	#38AWG Ni
500812	AB6B2-GC16KA143E/37C	±0.5%	1	0.022"	0.090"±0.010"	72.0" min	#38AWG Ni
500891	AB6N2-GC14KA143E/37C	±0.5%	1	0.019"	0.060"±0.005"	72.0" min	#38AWG Ni
507894	AA6B4-GC11KA143L/37C	±15%	2	0.014"	0.090"±0.010"	72.0" min	#40AWG Ni
508451	A96N4-GC11KA143L/37C	±15%	2	0.0125"	0.055"±0.005"	72.0" min	#44AWG Cu
508453	AN6N4-GC11KA143L/37C	±15%	2	0.0125"	0.055"±0.005"	72.0" min	#44AWG Ni



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."