

PRODUCT INFO SHEET

Nanmac Corporation

Quality • Performance • Solutions

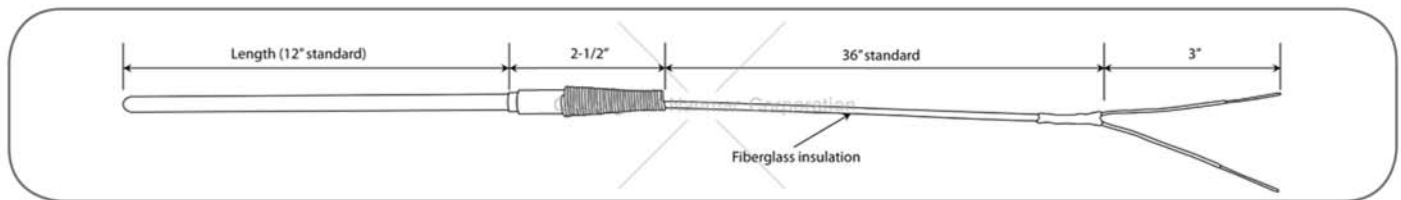
Thermocouple Assemblies with Flexible Fiberglass Insulated Leads A8B Series

These thermocouples are available with either stainless steel or inconel sheaths. Fitted with a transition from the sheath to 36 inches of fiberglass insulated (insulation code 828) flexible leads. Available in thermocouple types E, J, K, and T as a standard assembly. Other thermocouple calibrations as well as various lead wire insulation materials are available upon request.

Maximum service temperature of the transition adaptor is 400 degrees Fahrenheit. Maximum use temperature of the thermocouple is determined by considering the sheath material being used and the thermocouple calibration. Standard units are 12 inches long, units can be made as short as 1-1/2 inches long without any special consideration.

NOTES:

- For high temperature (800 degrees Fahrenheit) connectors and miniature plugs and jacks see our F2 and F3 Series.
- Duplex and multiple units also available.
- All assemblies use magnesia (MgO) internal insulation. Contact factory if other types of insulation are required.
- When ordering, specify Part No. and Length "L"
Example: A8B-1-12



Thermocouple calibration type N is available in all sizes.

304 Stainless Steel Sheath - Specifications

Thermocouple Type	Sheath Diameter (in.)	Exposed Junction	Grounded Junction	Ungrounded Junction
		Part No.	Part No.	Part No.
J	0.062	A8B-1	A8B-5	A8B-9
J	0.125	A8B-2	A8B-6	A8B-10
J	0.187	A8B-3	A8B-7	A8B-11
J	0.250	A8B-4	A8B-8	A8B-12
K	0.062	A8B-13	A8B-17	A8B-21
K	0.125	A8B-14	A8B-18	A8B-22
K	0.187	A8B-15	A8B-19	A8B-23
K	0.250	A8B-16	A8B-20	A8B-24
E	0.062	A8B-25	A8B-29	A8B-33
E	0.125	A8B-26	A8B-30	A8B-34
E	0.187	A8B-27	A8B-31	A8B-35
E	0.250	A8B-28	A8B-32	A8B-36
T	0.062	A8B-37	A8B-41	A8B-45
T	0.125	A8B-38	A8B-42	A8B-46
T	0.187	A8B-39	A8B-43	A8B-47
T	0.250	A8B-40	A8B-44	A8B-48

Inconel 600 Sheath - Specifications

Thermocouple Type	Sheath Diameter (in.)	Exposed Junction	Grounded Junction	Ungrounded Junction
		Part No.	Part No.	Part No.
J	0.062	A8B-49	A8B-53	A8B-57
J	0.125	A8B-50	A8B-54	A8B-58
J	0.187	A8B-51	A8B-55	A8B-59
J	0.250	A8B-52	A8B-56	A8B-60
K	0.062	A8B-61	A8B-65	A8B-69
K	0.125	A8B-62	A8B-66	A8B-70
K	0.187	A8B-63	A8B-67	A8B-71
K	0.250	A8B-64	A8B-68	A8B-72
E	0.062	A8B-73	A8B-77	A8B-81
E	0.125	A8B-74	A8B-78	A8B-82
E	0.187	A8B-75	A8B-79	A8B-83
E	0.250	A8B-76	A8B-80	A8B-84
T	0.062	A8B-85	A8B-89	A8B-93
T	0.125	A8B-86	A8B-90	A8B-94
T	0.187	A8B-87	A8B-91	A8B-95
T	0.250	A8B-88	A8B-92	A8B-96

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