

# PRODUCT INFO SHEET

Nanmac Corporation

Quality • Performance • Solutions

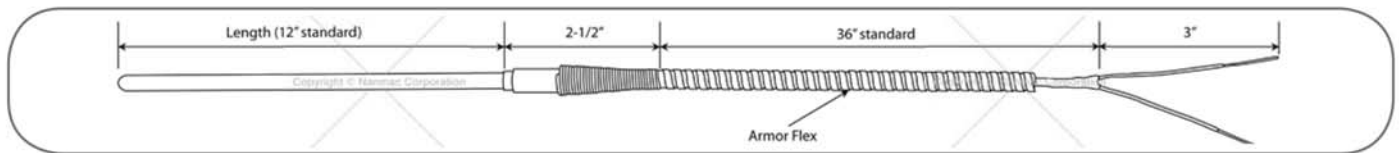
## General Purpose Thermocouple Probes with Armored Flexible Cable & Fiberglass Insulated Lead Wire A8C Series

These thermocouples are available with either stainless steel or inconel sheaths. Fitted with a transition from the sheath to 36 inches of fiberglass insulated flexible leads which are enclosed within stainless steel armor for use in rugged applications. These units are 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 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:

- Various adjustable compression fittings and mounting bushings are available for these units.
- Both standard size and miniature plugs and jacks are also available.
- Duplex units are available on units larger than 0.062" contact factory with your particular requirement.
- Lead lengths other than 36 inches, and lead wire insulations other than fiberglass are available.



*Thermocouple calibration type N is available in all sizes.*

304 Stainless Steel Sheath - Specifications					Inconel 600 Sheath - Specifications				
Thermocouple Type	Sheath Diameter (in.)	Exposed Junction	Grounded Junction	Ungrounded Junction	Thermocouple Type	Sheath Diameter	Exposed Junction	Grounded Junction	Ungrounded Junction
		Part No.	Part No.	Part No.			Part No.	Part No.	Part No.
J	0.062	A8C-1	A8C-5	A8C-9	J	0.062	A8C-49	A8C-53	A8C-57
J	0.125	A8C-2	A8C-6	A8C-10	J	0.125	A8C-50	A8C-54	A8C-58
J	0.187	A8C-3	A8C-7	A8C-11	J	0.187	A8C-51	A8C-55	A8C-59
J	0.250	A8C-4	A8C-8	A8C-12	J	0.250	A8C-52	A8C-56	A8C-60
K	0.062	A8C-13	A8C-17	A8C-21	K	0.062	A8C-61	A8C-65	A8C-69
K	0.125	A8C-14	A8C-18	A8C-22	K	0.125	A8C-62	A8C-66	A8C-70
K	0.187	A8C-15	A8C-19	A8C-23	K	0.187	A8C-63	A8C-67	A8C-71
K	0.250	A8C-16	A8C-20	A8C-24	K	0.250	A8C-64	A8C-68	A8C-72
E	0.062	A8C-25	A8C-29	A8C-33	E	0.062	A8C-73	A8C-77	A8C-81
E	0.125	A8C-26	A8C-30	A8C-34	E	0.125	A8C-74	A8C-78	A8C-82
E	0.187	A8C-27	A8C-31	A8C-35	E	0.187	A8C-75	A8C-79	A8C-83
E	0.250	A8C-28	A8C-32	A8C-36	E	0.250	A8C-76	A8C-80	A8C-84
T	0.062	A8C-37	A8C-41	A8C-45	T	0.062	A8C-85	A8C-89	A8C-93
T	0.125	A8C-38	A8C-42	A8C-46	T	0.125	A8C-86	A8C-90	A8C-94
T	0.187	A8C-39	A8C-43	A8C-47	T	0.187	A8C-87	A8C-91	A8C-95
T	0.250	A8C-40	A8C-44	A8C-48	T	0.250	A8C-88	A8C-92	A8C-96

PO Box 6640  
1657 Washington St., Bldg. 3  
Holliston MA 01746  
www.Nanmac.com  
engineering@nanmac.com

Foremost in Temperature Measurement™  
**NANMAC**

US & Canada: 1.800.786.4669  
International: 1.508.872.4811  
Fax: 1.508.879.5450  
info@nanmac.com