

# PRODUCT INFO SHEET

Nanmac Corporation

Quality • Performance • Solutions

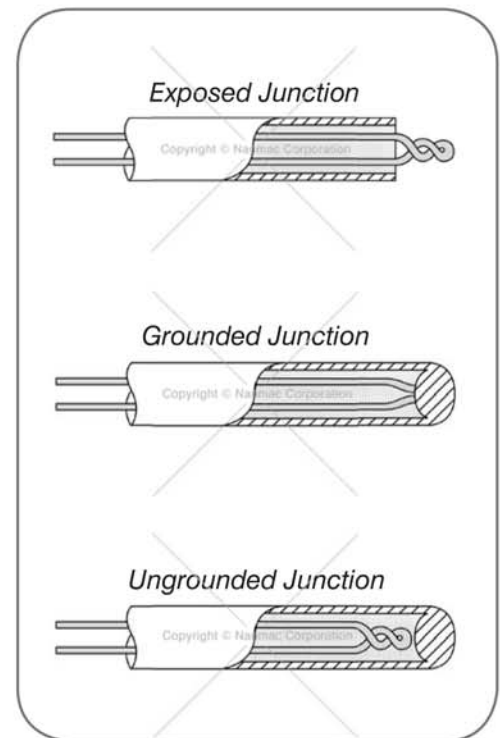
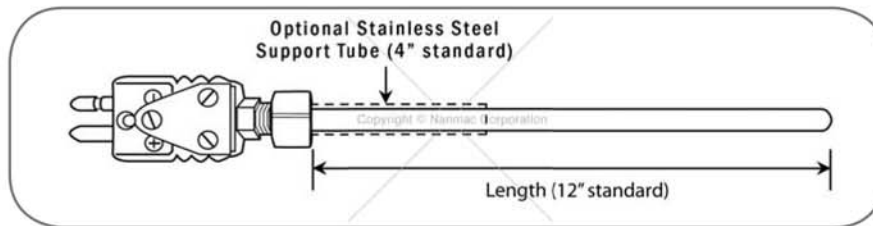
## High Temperature Thermocouple Probe A11A Series

Our standard 'High Temperature Thermocouple Probe' consists of an ungrounded thermal junction within a closed end sheath. It also includes a set of standard matching plug and jack connectors. With male connector attached and the female connector (not shown) furnished with a cable clamp. Maximum service temperature of connector is 450 degrees Fahrenheit.

This High Temperature Thermocouple Probe is also available with an optional, four inch long support tube attached to the connector end. The purpose of the support tube is to eliminate any damage to the refractory sheath that may be caused by the mounting bushing. The support tube is 1/8 inch larger in diameter than the thermocouple sheath. If a support tube is desired, insert the suffix (ST) onto the part number.

### NOTES:

- These thermocouples all use a #30 gage (0.010") size elements.
- Various adjustable compression fittings and mounting bushings are available.
- Duplex and multiple units are also available.
- High temperature (800 degrees Fahrenheit) connectors also available (contact factory for your requirement).
- When ordering, specify Part No. thermocouple type and length.  
*Example: A11A-1-12-R*



Specifications			
Part No.	Sheath Diameter	Sheath Material	Maximum Length "L" (in.)
A11A-1	0.125	Molybdenum	108
A11A-2	0.187		108
A11A-3	0.250		108
A11A-4	0.063	Tantalum	108
A11A-5	0.125		108
A11A-6	0.187		108
A11A-7	0.250		108
A11A-10	0.187	Alumina	24
A11A-11	0.250		24
A11A-12	0.375		39
A11A-14	0.250	Zirconia	18
A11A-15	0.375		24
A11A-16	0.187	Quartz	47
A11A-17	0.250		47
A11A-18	0.375		47

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