

PRODUCT INFO SHEET

Nanmac Corporation

Quality • Performance • Solutions

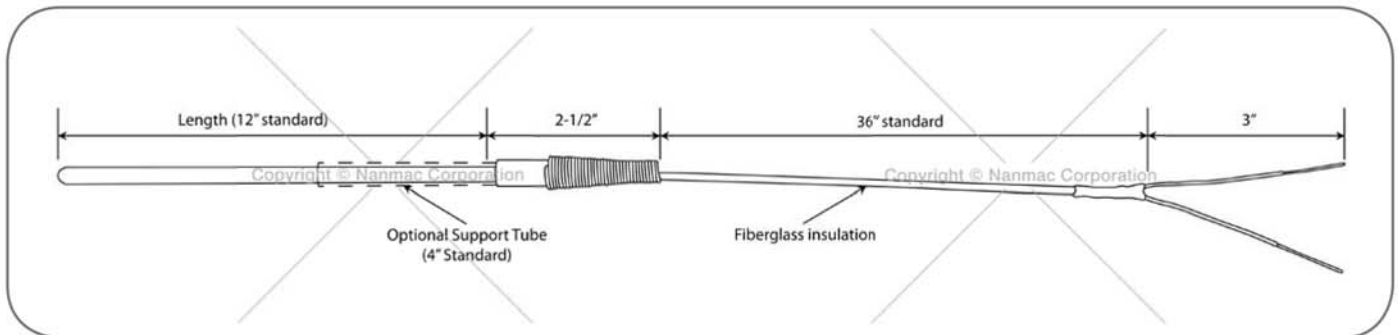
High Temperature Thermocouple Probe A12B Series

This probe contains an ungrounded thermocouple assembly with a transition junction, a stress relief spring, and 36 inches of fiberglass insulated #20 gage (0.032") extension leads. The extension leads are shielded with a stainless steel over braid.

This thermocouple is also available with a thick wall, four inch long support tube attached to the transition 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 an 1/8 inch larger in diameter than the thermocouple sheath. If a support tube is desired, insert the suffix (ST) onto the Part No.

NOTES:

- These thermocouples use #24 gage (0.020") size elements.
- Various adjustable compression fittings and mounting bushings are available.
- Duplex and multiple units also available (contact factory)
- Available with Standard, Miniature, or High Temperature connectors attached (contact factory).
- When ordering, specify Part No. Length "L" and thermocouple type.
Example: A12B-1-12-R



Specifications

| Part No. | Sheath Diameter | Sheath Material | Maximum Length "L" (in.) |
|----------|-----------------|-----------------|--------------------------|
| A12B-1 | 0.125 | Molybdenum | 108 |
| A12B-2 | 0.187 | | 108 |
| A12B-3 | 0.250 | | 108 |
| A12B-5 | 0.125 | Tantalum | 108 |
| A12B-6 | 0.187 | | 108 |
| A12B-7 | 0.250 | | 108 |
| A12B-9 | 0.187 | Alumina | 24 |
| A12B-10 | 0.250 | | 24 |
| A12B-11 | 0.375 | | 39 |
| A12B-13 | 0.250 | Zirconia | 18 |
| A12B-14 | 0.375 | | 24 |

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