

APPLICATION DATA SHEET

High Temperature Thermocouples for Vacuum Applications



FURNACEPARTS
Excellence in Temperature Measurement

SHEATH DIAMETER:

1/4" standard for metal

3/8" standard for ceramic

OTHER _____ (Type: B, C, N, R, S)

Limits of error: _____ Standard: _____ Special: _____

Certified calibration required? yes no

Operating temperature range: _____

SHEATH MATERIAL:

Inconel 600 Molybdenum Hastelloy X Alumina Other

Alumina with partial Inconel Sleeve (specify diameter: _____ specify length: _____)

MEASURING JUNCTION:

Ungrounded Exposed

SHEATH LENGTH:

Specify desired immersion below termination: _____

TERMINATION:

Tube adaptor with male plug (standard)

Other terminations available upon request. Please specify: _____

MOUNTING FITTINGS:

Stainless steel or brass compression fittings with adjustable or re-adjustable ferrules. Please also specify male mounting thread size. _____

(example: 0.25"–S–special limits–600–ungrounded junction–24"–tube adaptor with S plug–0.25" x 0.25" npt stainless steel compression fitting with Teflon ferrule. Use material calibrated front and back @ 200°F through 2200°F every 200°F)

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