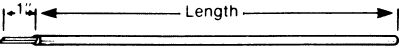
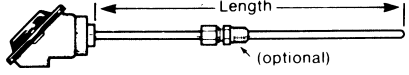
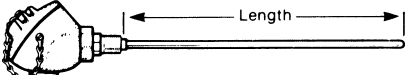
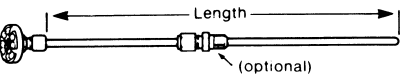
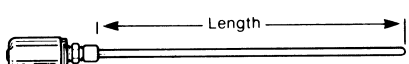
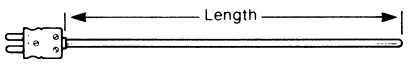
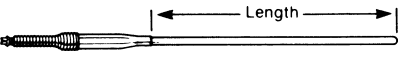




SERIES 1000 TecPak™ THERMOCOUPLES

Series 1000 TecPak thermocouples are of unique unit-construction and not an assembly; therefore, they do not have replacement parts. The unit construction features improved thermal response and long life. Catalog lists calibrations, lengths and terminations available as standard. Custom terminations also available.

 <p>Style 1001 (1" exposed T/C wires) Basic thermocouple element consists of high purity magnesium oxide densely compacted around thermocouple conductors and contained in a metallic sheath.</p>	 <p>Style 1002 (No mounting thread) Style 1003 (1/2" NPT mounting thread) Basic thermocouple element with a general purpose connection head and ceramic connection block to accommodate simplex or duplex element. Gasketed steel cover fastened with 2 screws.</p>	 <p>Style 1004 (No mounting thread) Style 1005 (1/2" NPT mounting thread) Basic thermocouple element with a weather-proof cast aluminum head and ceramic connection block for simplex or duplex element. Screwed gasket cover.</p>
 <p>Style 1006 (Low temp.) Style 1007 (High temp.) Basic thermocouple element with a molded open-terminal connector for simplex or duplex elements. Low temperature to 300°F use. High temperature to 1000°F use.</p>	 <p>Style 1009 (Threaded cover) Basic thermocouple element with a miniature connection head and ceramic connection block for simplex or duplex element.</p>	 <p>Style 1010 (400°F maximum plug) Style 1011 (800°F maximum plug) Style 1012 (1000°F maximum plug) Basic thermocouple element with a polarized male plug connector for simplex or duplex elements (ISA color coded.)</p>
 <p>Style 1013 (Strain relief spring) Style 1014 (Without spring) Basic thermocouple element with extension splice of insulated wire (available fiberglass, polyvinyl, teflon and high-temp glass insulation). Lead length must be specified.</p>	<p>Step 4 Sheath Material B3 304SS B7 316SS C5 Inconel 600 Other materials available. Consult Factory</p> <p>Step 5 Sheath Diameter 0 .032 5 .250 1 .040 6 .312 2 .062 7 .375 3 .125 8 .500 4 .188 9 .625</p> <p>Step 6 Measuring Junction G Grounded U Ungrounded E Exposed</p> <p>Step 7 Compression Fitting 01 Brass 1/8"NPT 02 Brass 1/4"NPT 03 SS 1/8"NPT 04 SS 1/4"NPT 05 SS Adj 1/8"NPT 06 SS Adj 1/4"NPT 07 SS 1/2"NPT 08 SS Adj 1/2"NPT 0 Not applicable</p>	<p>Additional Ordering Steps for 1013 and 1014.</p> <p>Step 8 Lead Wire Insulation A1 PVC 20Ga Solid A2 Teflon 20Ga Solid A3 Teflon 20Ga Stranded A4 Fiberglass 20Ga Solid A5 Fiberglass 20Ga Stranded A6 Hi Temp FG 20Ga Solid B4 FG 20Ga Solid w/Armor B6 HTFG 20Ga Solid w/Armor C1 FG 20Ga Solid w/SSOB C3 HTFG 20Ga Solid w/SSOB</p> <p>Step 9 Lead Wire Length Length in inches</p> <p>Step 10 Terminations A01 Male Connector 400F A03 Female Connector 400F A05 Stripped Leads A07 Spade Lugs Other terminations available. Consult factory.</p> <p>Step 11 Options See Options Code Sheet. Place Option Codes at the end of the completed Ordering Steps</p>

Ordering Steps

Step 1 Calibration

- B** Pt 30% Rh-Pt 6% Rh
- E** Chromel-Constantan
- J** Iron-Constantan
- K** Chromel-Alumel
- N** Nicrosil-Nisil
- R** Pt 13% Rh-Pt
- S** Pt 10% Rh-Pt
- T** Copper-Constantan

Step 2 Sheath Length

"L" = Length in inches

Step 3 Form

- S** Simplex
- D** Duplex

(1) (2) (3) (4) (5) (6) (7) (11)
 Style/Calibration - Sheath Length - Form/Material Code - OD/Junction/Fitting-Option Code

1005J-12-SB3-5G0-H18

(8) (9) (10) (11)
 Additional Steps for 1013 and 1014: Lead Wire Insulation - Lead Wire Length - Termination - Option Code

1014J-12.75-SB7-2G1-B4-12-A01

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