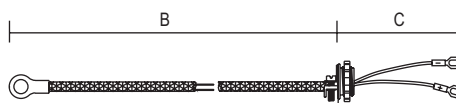


# SPECIAL APPLICATION THERMOCOUPLES & RTD'S

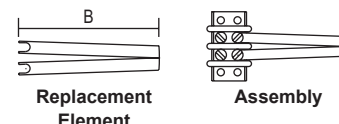
## SERIES 9 SPECIALTY SENSOR STYLES



Flexible FEP Covered Bead Junction

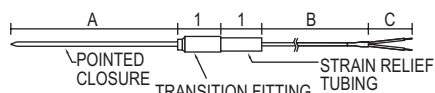


Ring Type Surface Thermocouples and RTD's

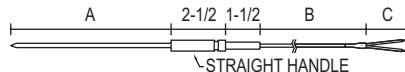


Web Type Surface Thermocouples

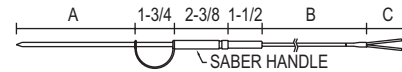
## SERIES P PENETRATION PROBE STYLES



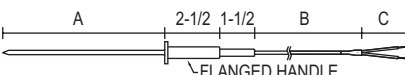
1. Transition Fitting



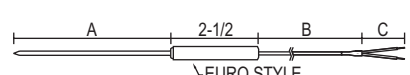
2. Straight Handle



3. Saber Handle



4. Flanged Handle



6&7. Euro Style Handle (FEP or SS)

Series 9 & P Special Application Thermocouples and RTD's cover a wide variety of types and configurations. This section covers FEP covered thermocouples and RTD's, ring type thermocouples and RTD's for surface measurement, web type thermocouples for surface measurement of moving objects such as rollers, and penetration thermocouples and RTD's with sharp tips for measurement of viscous liquids and semisolids such as plastic compounds, rubber and slightly frozen food products.

### MODEL CODING

Fill in the appropriate numbers or letters to specify the probe of your choice. Fill in all boxes. If an item or dimension does not apply, fill those boxes with zeros '0'.

<b>9</b> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> - <b>1</b> <input type="text"/> <b>0</b> - <input type="text"/> <input type="text"/> - <input type="text"/> <input type="text"/>		<b>B</b> IN INCHES		<b>C</b> IN INCHES	
<b>SENSOR TYPE</b> J - T/C K - T/C E - T/C T - T/C 6 - RTD DIN 4 - RTD NIST Z - RTD DIN 1K	<b>HARDWARE TYPE</b> 5 - Bead Junction w/ FEP Coating 6 - Ring #10 (0.196" ID) 7 - Ring #8 (0.144" ID) 8 - Ring 3/8" (0.390" ID) 9 - Web	<b>EXTENSION TYPE</b> 0 - None 1 - Fiberglass Insulation 842°F/450°C 2 - Fiberglass Insulation w/ SS Flex Hose 3 - Fiberglass Insulation w/ SS Overbraid 4 - FEP Insulation 392°F/200°C 5 - FEP Insulation w/ SS Overbraid 6 - FEP Insulation w/ FEP Coated Flex Hose	<b>SENSOR TERMINALS</b> 0 - None 1 - Lugs 2 - Lugs With BX 3 - Standard Plug 4 - Standard Jack 6 - Mini Plug 7 - Mini Jack 8 - Fastabs 9 - Fastabs With BX	<b>JUNCTION TYPE</b> 1 - T/C 2 - 2-Wire RTD; Class B 3 - 3-Wire RTD; Class B 6 - 2-Wire RTD; Class A 7 - 3-Wire RTD; Class A	

<b>P</b> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> - <input type="text"/> <input type="text"/> - <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> - <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> - <input type="text"/> <input type="text"/>		<b>A*</b> IN 1/10 INCH		<b>B</b> IN INCHES		<b>C</b> IN INCHES	
<b>SENSOR TYPE</b> J - T/C T - T/C 6 - RTD DIN 4 - RTD NIST Z - RTD DIN 1K	<b>PROBE STYLE</b> 1 - Transition Fitting, SS 2 - Straight Handle, SS 3 - Saber Handle, SS 4 - Flanged Handle, SS 6 - Euro Style, FEP 7 - Euro Style, SS	<b>EXTENSION TYPE</b> 4 - FEP Insulation 6 - FEP Over SS Flex Hose	<b>SENSOR TERMINALS</b> 0 - Stripped Ends 1 - Lugs 2 - Lugs With BX 3 - Standard Plug 4 - Standard Jack 6 - Mini Plug 7 - Mini Jack	<b>JUNCTION TYPE</b> 1 - Grounded 2 - Ungrounded	<b>SENSOR O.D.</b> 7 - 0.134 O.D. Hypodermic 8 - 0.180 O.D. Hypodermic		

\*A" Dimension maximum length is 12" (30 cm)