

SPECIAL APPLICATION THERMOCOUPLES AND RTD'S

SERIES 9 SPECIALTY SENSOR STYLES

Flexible FEP Covered Bead Junction

Ring Type Surface Thermocouples and RTD's

Web Type Surface Thermocouples

Scan here to watch product video

SERIES P PENETRATION PROBE STYLES

1. Transition Fitting

2. Straight Handle

3. Saber Handle

Scan here to watch product video

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'.

9 - **1** **0** - -

IN INCHES IN INCHES

B **C**

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

P - -

IN 1/10 INCH IN INCHES IN INCHES

A* **B** **C**

SENSOR TYPE	PROBE STYLE	EXTENSION TYPE	SENSOR TERMINALS	JUNCTION TYPE	SENSOR O.D.
J - T/C	1 - Transition Fitting, SS	4 - FEP Insulation	0 - Stripped Ends	1 - Grounded	7 - 0.134 O.D. Hypodermic
T - T/C	2 - Straight Handle, SS	6 - FEP Over SS Flex Hose	1 - Lugs	2 - Ungrounded	8 - 0.180 O.D. Hypodermic
6 - RTD DIN	3 - Saber Handle, SS		2 - Lugs With BX		
4 - RTD NIST	4 - Flanged Handle, SS		3 - Standard Plug		
Z - RTD DIN 1K	6 - Euro Style, FEP		4 - Standard Jack		
	7 - Euro Style, SS		6 - Mini Plug		
			7 - Mini Jack		

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