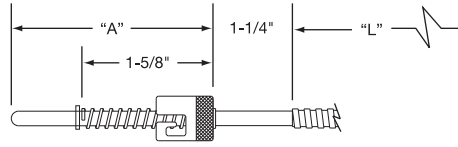




Bayonet Styles

Style 3—Rigid Straight Bayonet Thermocouple



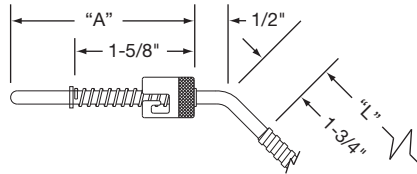
Stock Items Are Shown In **RED**

Part Number	Termination Style†	"A" Dim. (in)	"L" Dim. (in)
TCP30001	S	4	48
TCP30002	C	4	48
TCP30003	P	4	48
TCP30004	J	4	48
TCP30005	B	4	48

Design Features

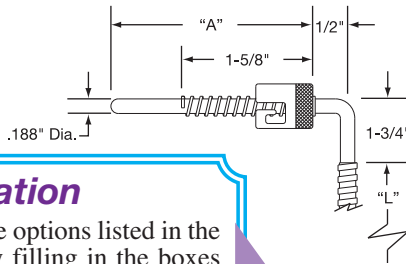
- * Standard—ANSI Type J Grounded Junction
- * Standard Probe Material—304 Stainless Steel
- * Standard Probe Diameter—3/16" (1/8" optional)
- * For use up to 900°F (482°C)
- * See Page 14-87 for bayonet adapters and installation

Style 4—Rigid 45° Bend Bayonet Thermocouple



Part Number	Termination Style†	"A" Dim. (in)	"L" Dim. (in)
TCP40001	S	4	48
TCP40002	C	4	48
TCP40003	P	4	48
TCP40004	J	4	48
TCP40005	B	4	48

Style 5—Rigid 90° Bend Bayonet Thermocouple



Part Number	Termination Style†	"A" Dim. (in)	"L" Dim. (in)
TCP50001	S	4	48
TCP50002	C	4	48
TCP50003	P	4	48
TCP50004	J	4	48
TCP50005	B	4	48

Ordering Information

TCP Thermocouples are offered with the options listed in the worksheets. Create an ordering code by filling in the boxes with the appropriate number and/or letter designation for your requirements, and a part number will be assigned.

† See page 14-9 for Termination Style descriptions

Ordering Code:

TCP -

Style BOX 1

3 = Straight
4 = 45° Bend
5 = 90° Bend

Calibration BOX 2

ANSI Standard Tolerances **J K E T N**

Junction BOX 6

	Grounded	Ungrounded
Single Element	G	U
Dual Element	4	5

"L" Dimension BOX 7

Whole inches
000 to 999

Sheath Diameter BOX 3

F = .125" ±.002
G = .188" ±.002 (Standard)

Lead Insulation BOX 8

	w/ SS Overbraid	w/ SS Armor Cable
Fiberglass 900°F (482°C)	S	B
Teflon® 400°F (204°C)	T	D

"A" Dimension BOX 4

Whole inches
01 to 99 (1-3/4" min.)

Termination BOX 9

(See page 14-9 for Termination Style Descriptions)

B = 2-1/2 in. Split Leads	P = Standard Plug	D = Miniature Plug
S = Spade Lugs	J = Standard Jack	E = Miniature Jack
C = Spade Lugs with BX Conn.	K = Standard Plug and Jack	F = Mini. Plug and Jack
		X = Other (Specify)

"A" Dimension BOX 5

Fractional inches
0 = 0" 3 = 3/8" 6 = 3/4"
1 = 1/8" 4 = 1/2" 7 = 7/8"
2 = 1/4" 5 = 5/8"

Tip Style BOX 10

R = Round **F** = Flat **D** = Drill Point

Special Requirements BOX 11

X = Specify
0 = None

WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov.



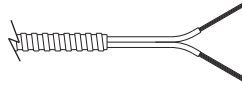
Optional Thermocouple Termination Styles

Optional Termination Styles

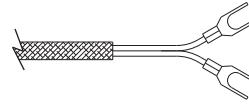
Available for the following thermocouples:

Style	Page
TTW	14-2
TCP	14-3 through 14-5
TRW	14-6
TSW	14-6
TPW	14-7
TNW	14-7
TWW	14-8
TMW	14-8
MTA1	14-15

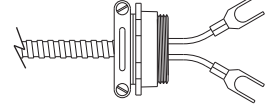
Style B—Plain Ends



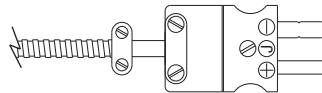
Style S—Spade Lugs



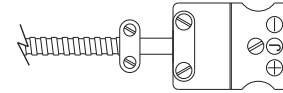
Style C—Spade Lugs with BX connector



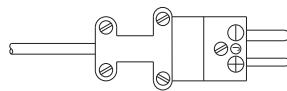
Style P—Standard Plug



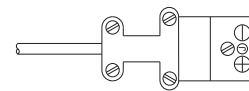
Style J—Standard Jack



Style D—Miniature Plug



Style E—Miniature Jack



Thermocouple Extension Assemblies

Termination 1

Termination 2



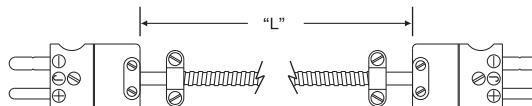
Jack to Plug

Termination 1

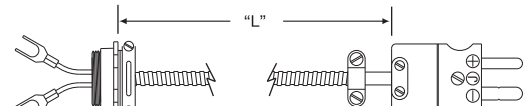
Termination 2



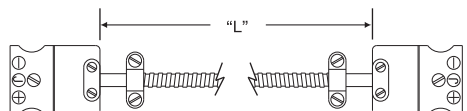
BX Connector to BX Connector



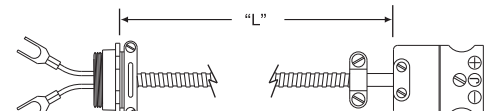
Plug to Plug



BX Connector to Plug



Jack to Jack



BX Connector to Jack

Ordering Information

ECA Thermocouple Extension Assemblies are offered with the options listed in the worksheet below. Create an ordering code by filling in the boxes with the appropriate number and/or letter designation for your requirements, and a part number will be assigned.

Ordering Code: **ECA** -

Termination 1 & 2 BOX 1 & 2 †

S = Spade Lugs **B** = 2-1/2 in. Split Leads
C = Spade Lugs with BX Conn. **D** = Miniature Plug
P = Standard Plug **E** = Miniature Jack
J = Standard Jack **X** = Other (Specify)

"L" Dimension BOX 4

Whole inches **006** to **999**

Calibration BOX 3

ANSI Standard Tolerances **J K E T N**

† See above for Termination Style descriptions

Lead Insulation BOX 5

	Standard	w/ SS Overbraid	w/ SS Armor Cable
Fiberglass 900°F (482°C)	S	B	A
Teflon® 400°F (204°C)	T	D	F

Special Requirements BOX 6

X = Specify
0 = None

⚠ WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

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