

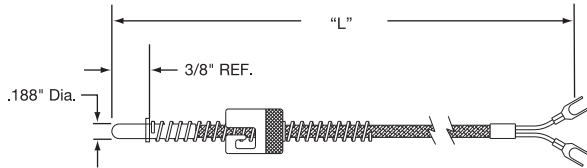


Stock Bayonet Style Thermocouples — Type J

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)**

Style 1—Spring Adjustable Bayonet Thermocouple



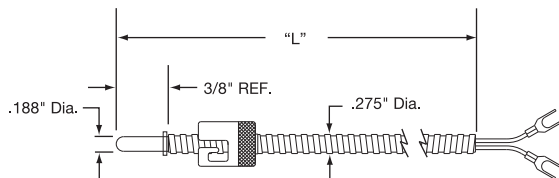
Design Features

- * **Insertion length adjustable from 1" to 10".**
- * **Forms easily to any angle.**
- * **One style can replace several fixed length thermocouples.**
- * **Use with bayonet adapters on page 14-87.**

All Items Available from Stock

Termination	36"	48"	60"	Part Number 72"	96"	120"	144"
Spade Lugs	TCP10131	TCP10001	TCP10140	TCP10079	TCP10086	TCP10095	TCP10096
Std. Plug	TCP10153	TCP10003	TCP10145	TCP10060	TCP10071	TCP10058	TCP10108
2½" Split Leads	TCP10156	TCP10005	TCP10141	TCP10012	TCP10011	TCP10020	TCP10059

Style 2—Armor Cable Adjustable Bayonet Thermocouple



Design Features

- * **Insertion length adjustable over length of armor cable.**
- * **Forms easily to any angle.**
- * **One style can replace several fixed length thermocouples.**
- * **Use with bayonet adapters on page 14-87.**

All Items Available from Stock

Termination	36"	48"	60"	Part Number 72"	96"	120"	144"
Spade Lugs	TCP20084	TCP20001	TCP20041	TCP20040	TCP20031	TCP20053	TCP20085
Std. Plug	TCP20086	TCP20003	TCP20011	TCP20006	TCP20008	TCP20018	TCP20010
2½" Split Leads	TCP20025	TCP20005	TCP20050	TCP20026	TCP20060	TCP20007	TCP20093

Custom Made TCP Thermocouples (Adjustable Bayonet Style)

Ordering Code: TCP - 1 2 3 4 5 6 7 8

Style BOX 1

- 1 = Spring Adjustable
- 2 = Armor Cable Adjustable

Lead Insulation BOX 5

	(Style 1 only)	w/ SS Overbraid (Style 1 only)	w/ SS Armor Cable (Style 2 only)
Fiberglass 900°F (482°C)	S	B	A
Teflon® 400°F (204°C)	T	D	F

Calibration BOX 2

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

Termination BOX 6 †

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

† See page 14-9 for Termination Style descriptions

Junction BOX 3

	Grounded	Ungrounded
Single Element	G	U
Dual Element	4	5

"L" Dimension BOX 4

Whole inches
012 to 999

Tip Style BOX 7

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

Special Requirements BOX 8

- A** = .125 dia. Tip
- X** = Other (Specify)
- 0** = None

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



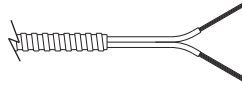
Optional Thermocouple Termination Styles

Optional Termination Styles

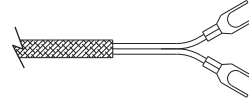
Available for the following thermocouples:

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

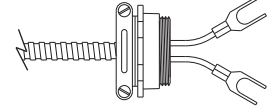
Style B—Plain Ends



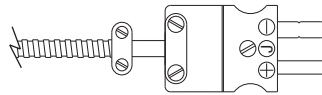
Style S—Spade Lugs



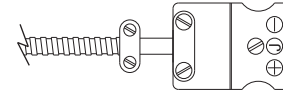
Style C—Spade Lugs with BX connector



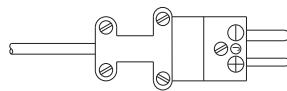
Style P—Standard Plug



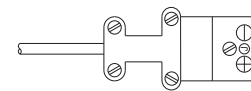
Style J—Standard Jack



Style D—Miniature Plug



Style E—Miniature Jack



Thermocouple Extension Assemblies

Termination 1

Termination 2



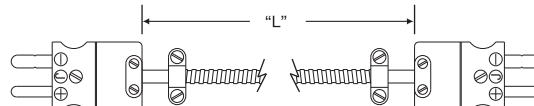
Jack to Plug

Termination 1

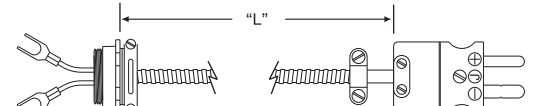
Termination 2



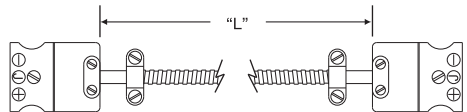
BX Connector to BX Connector



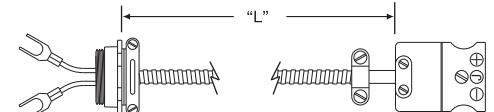
Plug to Plug



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)

Calibration BOX 3

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

† See above for Termination Style descriptions

"L" Dimension BOX 4

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

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.

(800) 323-6859 • Email: sales@tempco.com