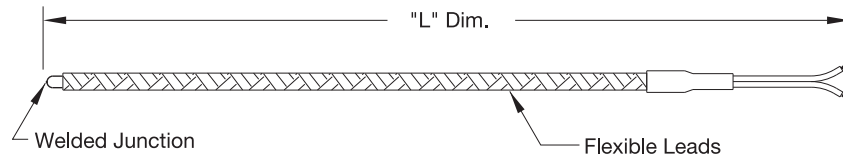




## Surface Thermocouples

### Wire Thermocouples

\* An economical insulated wire thermocouple with exposed junction



Ordering Code: **TWW** -

#### Wire Size BOX 1

- 1 = 30 ga. Solid
- 2 = 24 ga. Solid
- 3 = 24 ga. Stranded
- 4 = 20 ga. Solid
- 5 = 20 ga. Stranded
- X = Other (Specify)

#### Calibration BOX 2

ANSI Standard Tolerances **J K E T**

#### "L" Dimension BOX 3

Whole inches  
Example: Enter **048** for 48 inches

#### Lead Insulation BOX 4 w/ SS Overbraid

Fiberglass 900°F (482°C) **S B**  
Teflon® 400°F (204°C) **T D**

#### Termination BOX 5 †

**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)

#### Special Requirements BOX 6

**X** = Specify  
**0** = None

† See page 14-9 for Termination Style descriptions

### Magnet Thermocouples



\* This 1-1/4" dia. 6-pole magnet thermocouple can be attached to magnetic surfaces and walls with a holding force of 25 lbs. Magnet may lose some of the holding force above 750°F (400°C).

Ordering Code: **TMW** -

#### Calibration BOX 1

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

#### Lead Wire Length BOX 2

Whole inches  
Example: Enter **048** for 48 inches

#### Lead Insulation BOX 3 w/ SS Overbraid

Fiberglass 900°F (482°C) **S B**  
Teflon® 400°F (204°C) **T D**

#### Termination BOX 4 †

**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)

#### Special Requirements BOX 5

**X** = Specify  
**0** = None

† See page 14-9 for Termination Style descriptions

**⚠ WARNING:** Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

**View Product Inventory @ [www.tempco.com](http://www.tempco.com)**

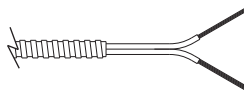
### Optional Thermocouple Termination Styles

#### Optional Termination Styles

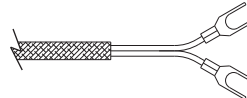
Available for the following thermocouples:

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

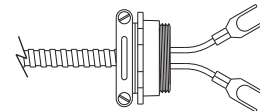
Style B—Plain Ends



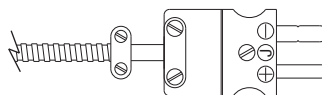
Style S—Spade Lugs



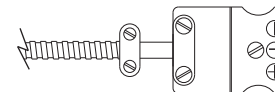
Style C—Spade Lugs with BX connector



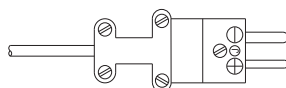
Style P—Standard Plug



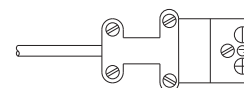
Style J—Standard Jack



Style D—Miniature Plug



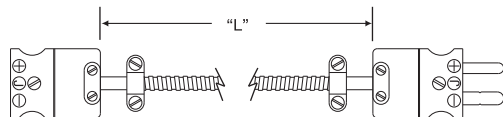
Style E—Miniature Jack



### Thermocouple Extension Assemblies

Termination 1

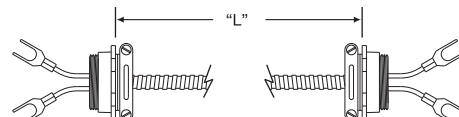
Termination 2



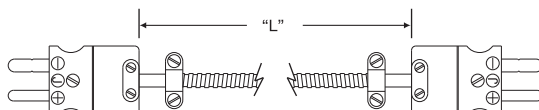
Jack to Plug

Termination 1

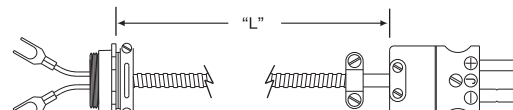
Termination 2



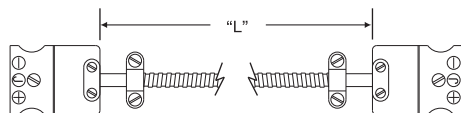
BX Connector to BX Connector



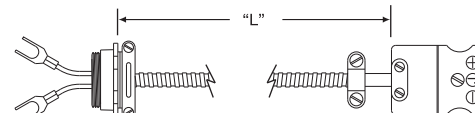
Plug to Plug



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)	<b>S</b>	<b>B</b>	<b>A</b>
Teflon® 400°F (204°C)	<b>T</b>	<b>D</b>	<b>F</b>

#### Special Requirements BOX 6

**X** = Specify  
**0** = None

**⚠ WARNING:** Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

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