Surface Thermocouples

* An economical insulated wire thermocouple with exposed junction

**Wire Thermocouples**

- Welded Junction
- Flexible Leads

**Ordering Code:**

**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)

**Lead Insulation** BOX 4
- Fiberglass 900°F (482°C) S T
- Teflon® 400°F (204°C) B D

**Termination** BOX 5
- B = 2-1/2 in. Split Leads
- S = Spade Lugs
- C = Spade Lugs with BX Conn.
- D = Miniature Plug
- E = Miniature Jack
- F = Mini. Plug and Jack
- X = Other (Specify)

**Special Requirements** BOX 6
- X = Specify
- 0 = None

**“L” Dimension** BOX 3
- Whole inches
- Example: Enter 048 for 48 inches

**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:**

**Calibration** BOX 1
- ANSI Standard
- Tolerances
  - J K E T

**Lead Wire Length** BOX 2
- Whole inches
- Example: Enter 048 for 48 inches

**Lead Insulation** BOX 3
- Fiberglass 900°F (482°C) S T
- Teflon® 400°F (204°C) B D

**Termination** BOX 4
- B = 2-1/2 in. Split Leads
- S = Spade Lugs
- C = Spade Lugs with BX Conn.
- D = Miniature Plug
- E = Miniature 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
Optional Thermocouple Termination Styles

Available for the following thermocouples:

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Optional Termination Styles

- 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

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

Calibration box 3

ANSI Standard Tolerances J K E T N

 Calibration box 3

See above for Termination Style descriptions

“L” Dimension box 4

Whole inches 006 to 999

Lead Insulation box 5

- Standard w/ SS Overbraid
- Fiberglass 900°F (482°C)
- Teflon® 400°F (204°C)

- w/ SS Armor Cable

Special Requirements box 6

- X = Specify
- 0 = None

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

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