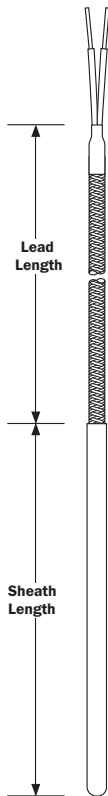


# PFA Encapsulated Thermocouple



1 2 3 4 5 6 7 8 9 10 11



**1-2. Construction Style**

65 = PFA coated sheath

**3. Diameter (Inch) under covering**

C =  $\frac{3}{16}$  epoxy seal 149°C (300°F)

D =  $\frac{3}{16}$  epoxy seal 149°C (300°F)

E =  $\frac{3}{16}$  epoxy seal 149°C (300°F)

**4. Calibration**

J = Type J            T = Type T

K = Type K           E = Type E

**5. Lead protection**

T = PFA (24 gauge stranded)

\*R = PFA (20 gauge stranded)

**6. Junction**

U = Ungrounded, round tip

G = Grounded, round tip

**7. Sheath Length (Inches)**

B = 1            J = 4½            R = 8

C = 1½          K = 5                S = 8½

D = 2            L = 5½              T = 9

E = 2½          M = 6                U = 9½

F = 3            N = 6½              W = 10

G = 3½          P = 7                 Y = 11

H = 4            Q = 7½              Z = 12

**8-10. Lead Length (inches)**

012, 024, 036, 040, 048, 060, 072, 079, 096 and 120

Available lengths: 006 to 360, over 360 consult factory

**11. Terminations/Options**

A = Standard, 2 ½ inch split leads

B = 2 ½ inch split leads with #6 spade lugs

C = 2 ½ inch split leads with #6 spade lugs and BX connector

D = Standard male plug, quick disconnect

E = Standard female jack, quick disconnect

F = Miniature male plug, quick disconnect

G = Miniature female jack, quick disconnect

H = ¼ inch push-on connector

\*Not available in  $\frac{3}{16}$  inch diameter.

The rigid sheath is covered with a 0.010 inch (25 mm) wall of PFA for corrosion resistance in acid environments. An epoxy seal improves moisture resistance of sensor and provides a barrier for migrating fumes in corrosive applications.

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