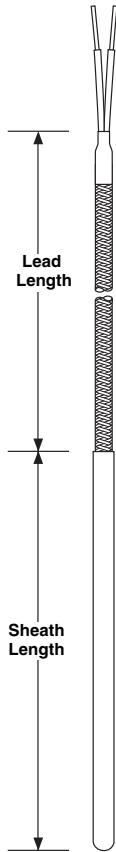


# Thermocouples

## General Applications

### PFA Encapsulated Style 65



**Custom Ordering Information**—Items in **Bolded Green Type** are preferred with shorter lead times.

	1	2	3	4	5	6	7	8	9	10	11
	6	5									

**1-2. Construction Style** —  
65 = PFA coated sheath

**3. Diameter (inch) under covering** —  
**D = 3/16 epoxy seal 149°C (300°F)**  
E = 1/4 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 = 4 1/2	R = 8
C = 1 1/2	K = 5	S = 8 1/2
D = 2	L = 5 1/2	T = 9
E = 2 1/2	<b>M = 6</b>	U = 9 1/2
<b>F = 3</b>	N = 6 1/2	W = 10
G = 3 1/2	P = 7	Y = 11
<b>H = 4</b>	Q = 7 1/2	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 1/2 inch split leads**  
B = 2 1/2 inch split leads with #6 spade lugs  
C = 2 1/2 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 = 1/4 inch push-on connector

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.

\*Not available in 1/8 inch diameter.