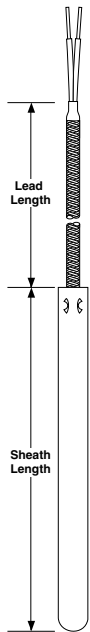


Thermocouples

General Applications

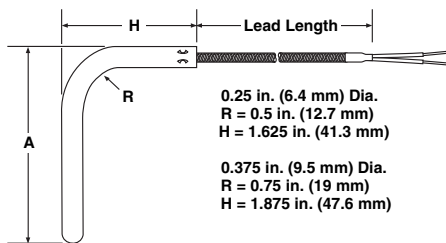
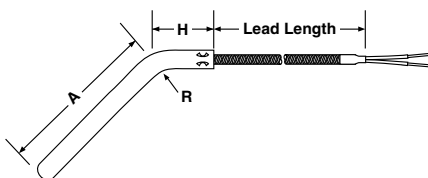
Large Diameter Rigid Sheath Styles 40, 41 and 42

¼ and ⅜ inch Diameter



Rigid sheath provides protection and accurate placement through bulkheads or platens. Use with a compression fitting for water tight immersion application.

Bent rigid tube offers protection and accurate lead placement around machinery.



Metric sizes available for made-to-order units, consult factory. Minimum order quantity may apply.

Rapid Ship Sensors

Rapid Ship sensors come with ¼ inch diameter sheath, 20 gauge stranded fiberglass lead with stainless steel overbraid, grounded junction and a split lead termination.

Calibration	Sheath Length		Lead Length		Part Number
	in.	(mm)	in.	(mm)	
J	4	(102)	48	(1219)	40EJBGD048A
			96	(2438)	40EJBGD096A
	6	(152)	48	(1219)	40EJBGF048A
			96	(2438)	40EJBGF096A

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

1-2. Construction Style

- 40 = Plain sheath, straight, large, diameter**
- 41 = Plain (45°) large diameter
- 42 = Plain (90°) large diameter

3. Sheath Diameter (inch), 316 SS

- E = ¼** U = ¼ epoxy sealed 149°C (300°F)
- G = ⅜** V = ⅜ epoxy sealed 149°C (300°F)

4. Calibration

- J = Type J** T = Type T
- K = Type K** E = Type E

5. Lead Protection

- F = Fiberglass (24 gauge stranded)
- S = Fiberglass with stainless steel overbraid (24 gauge stranded)
- H = Fiberglass with stainless steel hose (24 gauge stranded)
- P = Fiberglass (20 gauge stranded)**
- B = Fiberglass with stainless steel overbraid (20 gauge stranded)**
- C = Fiberglass with stainless steel hose (20 gauge stranded)
- T = PFA (24 gauge stranded)
- U = PFA with stainless steel overbraid (24 gauge stranded)
- K = PFA with stainless steel hose (24 gauge stranded)
- V = PFA (20 gauge stranded)
- W = PFA with stainless steel overbraid (20 gauge stranded)
- Y = PFA with stainless steel hose (20 gauge stranded)

6. Junction

- F = Grounded, flat tip
- G = Grounded, round tip**
- R = Ungrounded, flat tip
- U = Ungrounded, round tip**
- E = Exposed
- H = Grounded, round tip, dual element
- S = Ungrounded, round tip, dual element

7. Sheath Length (inches)

- A = 1 D = 4 G = 7 K = 10 N = 13 R = 16 U = 19 Z = 24
- B = 2** E = 5 H = 8 L = 11 P = 14 S = 17 W = 20
- C = 3** F = 6 J = 9 M = 12 Q = 15 T = 18 Y = 22

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