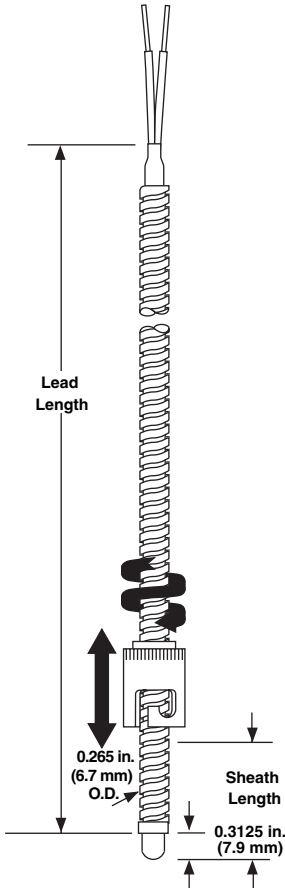


# Thermocouples

## General Applications

### Adjustable Armor Style



Adjustable armor thermocouple fits a large range of hole depths. Bends to any angle, eliminating the requirement to stock numerous styles. Stainless steel hose offers additional lead protection in demanding applications.

### Rapid Ship Sensors

Rapid Ship sensors come with 24 gauge stranded fiberglass lead with stainless steel armor and grounded junction.

Calibration	Lead Length in. (mm)	Termination	
		Split Leads	Standard Connector
J	48 (1219)	12DJHGB048A	12DJHGB048D
	60 (1524)	12DJHGB060A	12DJHGB060D
	72 (1829)	12DJHGB072A	12DJHGB072D
	96 (2438)	12DJHGB096A	12DJHGB096D
	120 (3048)	12DJHGB120A	12DJHGB120D

**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 D B

**1-2. Construction Style** —————

12 = Adjustable armor thermocouple, standard cap

**3. Sheath Diameter (inch), 316 SS** —————

D =  $\frac{3}{16}$

**4. Calibration** —————

**J = Type J**

**K = Type K**

T = Type T

E = Type E

**5. Lead Protection** —————

**H = Fiberglass with stainless steel hose (24 gauge stranded)**

**C = Fiberglass with stainless steel hose (20 gauge stranded)**

K = PFA with stainless steel hose (24 gauge stranded)

Y = PFA with stainless steel hose (20 gauge stranded)

**6. Junction** —————

F = Grounded, flat tip

**G = Grounded, round tip**

D = Grounded, drill point

**U = Ungrounded, round tip**

P = Ungrounded, drill point

R = Ungrounded, flat tip

H = Grounded, round tip, dual element

S = Ungrounded, round tip, dual element

**7. Sheath Length (inch)** —————

B = 1

**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

Thermocouple Termination Options			
A = 2-1/2" Split Leads	B = Spade Lugs	D = Standard Plug-Male	E = Standard Plug-Female
			
			
C = BX Connector with Space Lugs	H = 1/4" Push On Female Quick Disconnect	F = Miniature Plug-Male	G = Miniature Plug-Female



## Accessory Items

Part No.	Description
TH-295-1	Bayonet Adapter 7/8 in. x 1/8 in. NPT
TH-295-2	Bayonet Adapter 1 in. x 1/8 in. NPT
TH-295-3	Bayonet Adapter 1-1/2 in. x 1/8 in. NPT
TH-295-4	Bayonet Adapter 2 in. x 1/8 in. NPT
TH-295-5	Bayonet Adapter 2-1/2 in. x 1/8 in. NPT
SCM-(calib)-WAT	Standard Plug-Male (specify calibration J,K,T,E)
SCF-(calib)-WAT	Standard Jack-Female (specify calibration J,K,T,E)
MCM-(calib)-WAT	Miniature Plug-Male (specify calibration J,K,T,E)
MCF-(calib)-WAT	Miniature Jack-Female (specify calibration J,K,T,E)