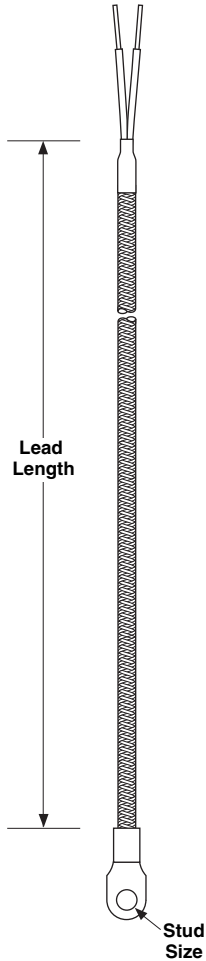


# Thermocouples

## General Applications

### Ring Terminal Style



The nickel terminal can be placed beneath existing screws or bolts to permit surface temperature measurement.

### Rapid Ship Sensors

Rapid Ship sensors come with 24 gauge stranded fiberglass lead with stainless steel overbraid, grounded junction and a split lead termination.

Calibration	Stud Size	Lead Length in. (mm)	Part Number
J	No. 10	48 (1219)	70XJSGC048A
		96 (2438)	70XJSGC096A
	¼	48 (1219)	70XJSGD048A
		96 (2438)	70XJSGD096A

**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
	<b>7</b>	<b>0</b>	<b>X</b>								
<b>1-2. Construction Style</b>	_____										
70 = Ring terminal thermocouple											
<b>3. Diameter</b>	_____										
X = Not applicable											
<b>4. Calibration</b>	_____										
<b>J = Type J</b> T = Type T											
<b>K = Type K</b> E = Type E											
<b>5. Lead Protection</b>	_____										
<b>F = Fiberglass (24 gauge stranded)</b>											
<b>S = Fiberglass with stainless steel overbraid (24 gauge stranded)</b>											
P = Fiberglass (20 gauge stranded)											
<b>B = Fiberglass with stainless steel overbraid (20 gauge stranded)</b>											
T = PFA (24 gauge stranded)											
U = PFA with stainless steel overbraid (24 gauge stranded)											
V = PFA (20 gauge stranded)											
W = PFA with stainless steel overbraid (20 gauge stranded)											
<b>6. Junction</b>	_____										
<b>G = Grounded</b>											
*U = Ungrounded											
<b>7. Stud Size—Hole Diameter (inches)</b>	_____										
<b>*A = No. 6</b> 0.144											
<b>*B = No. 8</b> 0.169											
<b>*C = No. 10</b> 0.196											
<b>D = ¼</b> 0.266											
<b>E = ⅜</b> 0.390											
<b>8-10. Lead Length (inches)</b>	_____										
<b>012, 024, 036, 040, 048, 060, 072, 079, 096 and 120</b>											
Available lengths: 006 to 360, over 360 consult factory											
<b>11. Terminations/Options</b>	_____										
<b>A = Standard, 2 ½ inch split leads</b>											
<b>B = 2 ½ inch split leads with #6 spade lugs</b>											
C = 2 ½ inch split leads with #6 spade lugs and BX connector											
<b>D = Standard male plug, quick disconnect</b>											
E = Standard female jack, quick disconnect											
<b>F = Miniature male plug, quick disconnect</b>											
G = Miniature female jack, quick disconnect											
H = ¼ inch push-on connector											

\* Only available with 24 gauge wire.