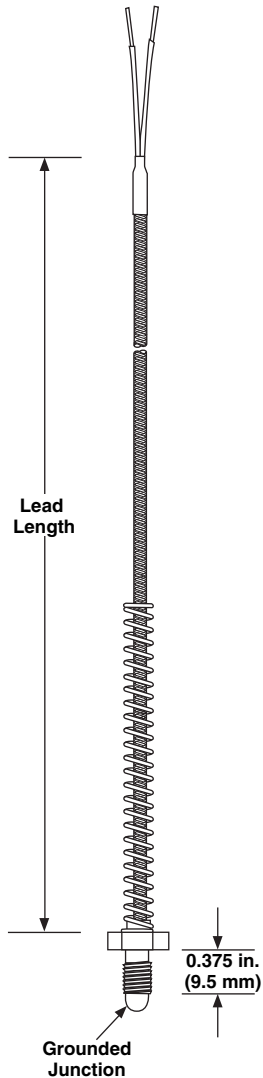


# Thermocouples

## General Applications

### Nozzle Style



The nozzle thermocouple has a short installation depth and a low profile thus allowing control of thin sections of platens.

\* Only available with 24 gauge wire.

### 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	Bolt Size	Lead Length in. (mm)	Part Number
J	¼ in. x 28 UNF	48 (1219)	71XJSGA048A
		96 (2438)	71XJSGA096A
	M6 x 1	48 (1219)	71XJSGM048A
		96 (2438)	71XJSGM096A

**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
	7 1 X G
<b>1-2. Construction Style</b>	71 = Nozzle thermocouple
<b>3. Diameter</b>	X = Not applicable
<b>4. Calibration</b>	J = <b>Type J</b> T = Type T K = <b>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>	G = Grounded
<b>7. 304 SS, Bolt size</b>	<b>A = ¼ inch x 28 UNF, ⅜ inch thread depth</b> B = 8-32 thread * C = 10-32 thread * <b>M = M6 x 1</b>
<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 = 2 ½ inch split leads with #6 spade lugs 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 F = Miniature male plug, quick disconnect G = Miniature female jack, quick disconnect H = ¼ inch push-on connector