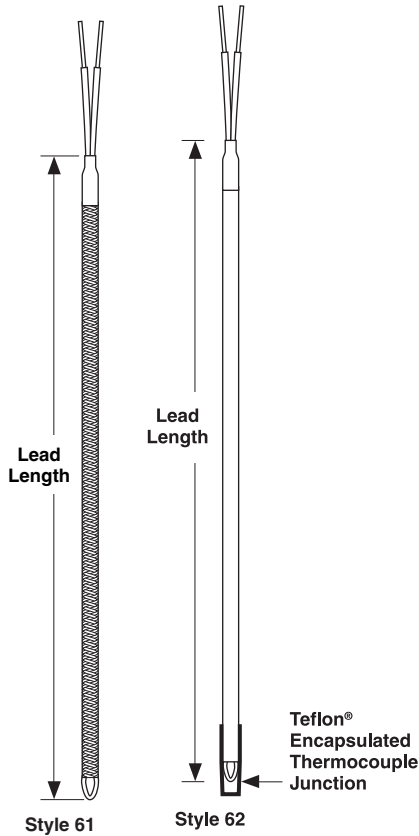


Thermocouples

General Applications

Insulated Wire Thermocouple Styles 61 and 62



Rapid Ship Sensors

Rapid Ship sensors come with 24 gauge solid FEP insulated lead and a split lead termination.

Calibration	Lead Protection	Lead Length		Part Number
		in.	(mm)	
K	Extruded FEP	48	(1219)	61XKTEX048A
		96	(2438)	61XKTEX096A
T	Extruded FEP	48	(1219)	61XTTEX048A
		96	(2438)	61XTTEX096A

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

X E X

1-2. Construction Style —————

61 = SERIES 61
*62= SERIES 62

3. Diameter —————

X = Not applicable

4. Calibration —————

J = Type J
K = Type K
T = Type T

5. Lead Protection —————

P = Fiberglass (20 gauge solid)
B = Fiberglass with stainless steel overbraid (20 gauge solid)
J = Extruded FEP (20 gauge solid)
F = Fiberglass (24 gauge solid)
S = Fiberglass with stainless steel overbraid (24 gauge solid)
T = Extruded FEP (24 gauge solid)

6. Junction —————

E = Exposed

7. Exter X —————

8-10. Lead Length (inches) —————

048 and 096
Available lengths: 006 to 600, over 600 consult factory

11. Terminations/Options —————

A = Standard, 2 ½ inch split leads
B = 2 ½ inch split leads with spade lugs
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

* Only available with wire (lead protection) options J or T (5th digit).

Constructed with SERV-RITE® insulated thermocouple Styles 61 and 62 are economical and versatile thermocouples with the option of an exposed or protected measuring junction. Style 61 has an exposed junction and is suitable for most general purpose applications, such as measuring air, gas and surface temperatures. Style 62 has an encapsulated measuring junction that is ideal for corrosive fluids and gases

such as sulfuric acid, hydrofluoric acid, strong mineral acids and oils.

Styles 61 and 62 are available with fiberglass insulated lead wire (SERIES 304 construction), with continuous temperature ratings of 480°C (900°F). Or, order it with FEP insulated lead wire (SERIES 507), rated to 200°C (400°F) continuous temperature.

For additional mechanical strength and abrasion resistance, a stainless steel overbraid is available.

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