Accessories

PVC Thermocouple & RTD Wire



- excellent moisture resistance • low chemical resistance
- poor abrasion resistance • -29°C (-20°F) to 105°C (221°F)

Product	J	K	T	RTD *
PVC				
20 Gauge Solid	J-20-PP	K-20-PP	T-20-PP	
20 Gauge Strand	J-2QS-PP	K-20S-PP	T-20S-PP	RTD-20S-PP
PVC-SHIELDED				
20 Gauge Solid	J-20-PPS	K-20-PPS	T-20-PPS	
20 Gauge Strand	J-20S-PPS	K-20S-PPS	T-20S-PPS	

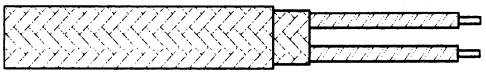
Fiberglass Thermocouple & RTD Wire



- fair moisture resistance • poor abrasion resistance
- -29°C (-20°F) to 482°C (900°F)

Product	J	K	T	RTD *
20 Gauge Solid	J-20-FF	K-20-FF	T-20-FF	
20 Gauge Strand	J-20S-FF	K-20S-FF	T-20S-FF	RTD-20S-FF

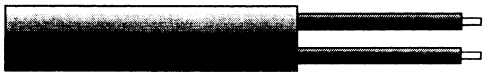
Fiberglass Thermocouple & RTD Wire – Stainless Overbraid



- fair moisture resistance • excellent abrasion resistance
- upper continuous temperature: -29°C (-20°F) to 482°C (900°F)

Product	J	K	T	RTD *
20 Gauge Solid	J-20-FS	K-20-FS	T-20-FS	
20 Gauge Strand	J-20S-FS	K-20S-FS	T-20S-FS	RTD-20S-FS

Teflon Thermocouple & RTD Wire



- excellent moisture resistance • low chemical resistance
- upper continuous temperature: -200°C (-328°F) to 200°C (900°F)

Product	J	K	T	RTD *
20 Gauge Solid	J-20-TT	K-20-TT	T-20-TT	
20 Gauge Strand	J-20S-TT	K-20S-TT	T-20S-TT	RTD-20S-TT

Hi Temperature Fiberglass Thermocouple Wire



- fair moisture resistance • poor abrasion resistance
- upper continuous temperature: 0°C (32°F) to 1200°C (2200°F)

Product	J	K	T	RTD *
20 Gauge Solid	J-20-FH	K-20-FM	T-20-FH	
20 Gauge Strand	J-20S-FH	K-20S-FH	T-20S-FH	

Kapton Thermocouple Wire



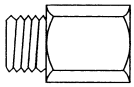
- infusible and has no melting point • does not support combustion
- upper continuous temperature: 0°C (32°F) to 260°C (500°F)

Product	J	K	T	RTD *
20 Gauge Solid	J-20-FH	K-20-FM	T-20-FH	
20 Gauge Strand	J-20S-FH	K-20S-FH	T-20S-FH	

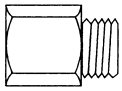
***To order:** For each item required, specify the **product** name along with one **code** from either the **J**, **K**, **T** or **RTD** columns *adjacent* to the product name.

Process Connectors

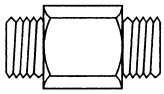
- Hex Bushing – Process Thread
- Hex Bushing – Instrument Thread
- Hex Coupling



Product	A	Material
SD1	1/8"NPT	Stainless
SD2	1/4"	Stainless
SD3	1/2"	Stainless
SD4	3/4"	Stainless
BD1	1/8"NPT	Brass
BD2	1/4"	Brass
BD3	1/2"	Brass
BD4	3/4"	Brass



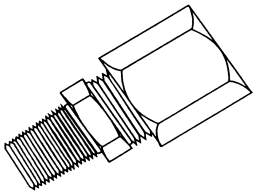
Product	A	Material
SB1	1/8"NPT	Stainless
SB2	1/4"	Stainless
SB3	1/2"	Stainless
SB4	3/4"	Stainless
BB1	1/8"NPT	Brass
BB2	1/4"	Brass
BB3	1/2"	Brass
BB4	3/4"	Brass



Product	A	Material
SS1	1/4"	Stainless
SS2	1/2"	Stainless
S1	1/4"	Steel
S2	1/2"	Steel

To order: For each item required, specify the **product** name along with one **code** from each column *adjacent* to the product name.

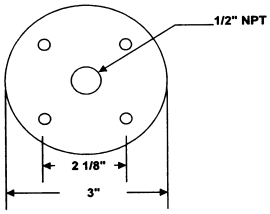
Compression Fittings



Product	Material	Inside Dia.	Thread
CF	**B**-Brass	**1**-1/8"	**1**-1/8" NPT
	S-Stainless	**2**-3/16"	**2**-1/4" NPT
		3-1/4"	**3**-3/8" NPT
			4-1/2" NPT

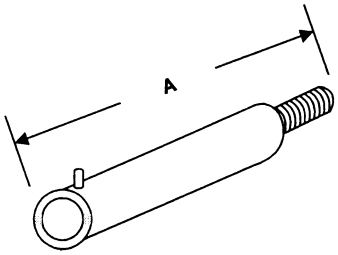
To order: For each item required, specify the **product** name along with one **code** from each of the columns above.

Duct Flange Mount



Product	Material	Size
FL	Aluminum	As shown

Bayonet Adaptors



Product	A	Thread
BA-1	7/8"	1/8"-27 NPT
BA-2	7/8"	3/8"-24 NF
BA-3	1-1/2"	1/8"-27 NPT
BA-4	1-1/2"	3/8"-24 NF
BA-5	2-1/2"	1/8-27 NPT
BA-6	2-1/2"	3/8"-24 NF
BA-7	3-1/2"	1/8"-27 NPT
BA-8	3-1 /2"	3/8"-24 NF

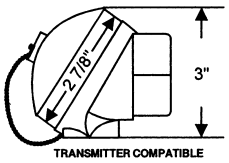
To order: For each item required, specify the **product** name along with one **code** from each column *adjacent* to the product name.

Toll Free: (800) 567-8686 Tel: 905 477-2133 Fax: (905) 477-4219 Website: www.alphacontrols.com

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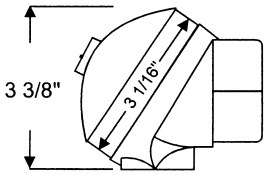
Thermocouple & RTD Heads/Fittings

Die Cast Aluminum (AL)



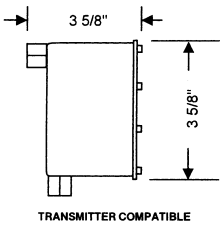
FEATURES:
Material: Die cast aluminum
Tube Entry: 1/2" NPT
Wire Entry: 1/2" NPT
- good corrosion resistance
- light weight
- bayonet cover readily removed without tools
- moisture and dust-resistant

Cast Iron (I)



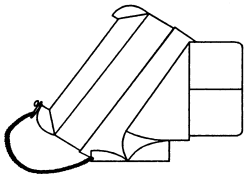
FEATURES:
Material: Cast iron
Tube Entry: 1/2" NPT
Wire Entry: 3/4" NPT
- rugged construction
- screw cover with inside thread

Cast Aluminum Explosion Resistant (ALE)



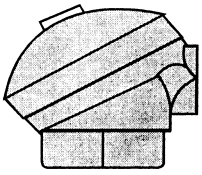
FEATURES:
Material: Cast aluminum
Tube Entry: 1/2" NPT
Wire Entry: 1/2" NPT
- explosion resistant head
- rated for:
  Class I, Groups B, C, D, E, F, G
  Class II, Groups B, C, D, E, F, G
- screw cover with inside thread
- moisture and dust-resistant

FDA Compliant Plastic-Screw Top (FDA) or FDAF*



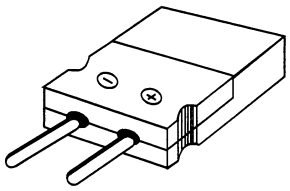
FEATURES:
Material: FDA White Polypropylene
Tube Entry: 1/2" NPT
Wire Entry: 3/4" NPT
- good protection against dust, rain, splashing water
- good resistance to most acid solutions, alkalines & salt water
- light weight
  *FDAF-FD compliant fliptop

Epoxy Coated Aluminum (E)



FEATURES:
Material: Epoxy Coated Aluminum
FDA Approved Epoxy
Tube Entry: 1/2" NPT
Wire Entry: 1/2" NPT
- good corrosion resistance
- light weight
- bayonet cover readily removed without tools
- easy accessibility to terminal block
- moisture and dust-resistant

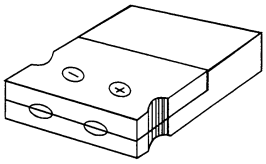
Thermocouple & RTD Plugs



Product	Type	Standard Size	Mini Size
H10	J, K, T or RTD	350F	
H110	J, K, T or RTD		350F
H12	J, K, T or RTD	500F	
H113	J, K, T or RTD		500F

To order: For each item required, specify the **product** name along with one **code** from each column *adjacent* to the product name.

Thermocouple & RTD Jacks



Product	Type	Standard Size	Mini Size
H20	J, K, T or RTD	350F	
H120	J, K, T or RTD		350F
H22	J, K, T or RTD	500F	
H122	J, K, T or RTD		500F

To order: For each item required, specify the **product** name along with one **code** from each column *adjacent* to the product name.