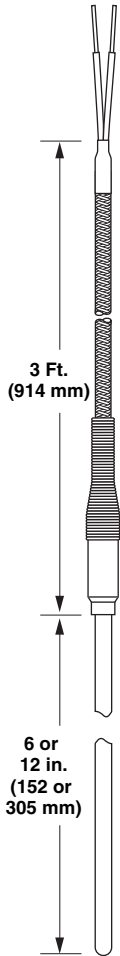


Thermocouples

Mineral Insulated

Metal Transitions with Spring Strain Relief Styles AF



Rapid Ship Sensors

Rapid Ship sensors come with three feet of stranded conductor FEP insulated flexible lead, split lead termination, ungrounded junction, 149°C (300°F) potting. See page 166 to order additional connector hardware.

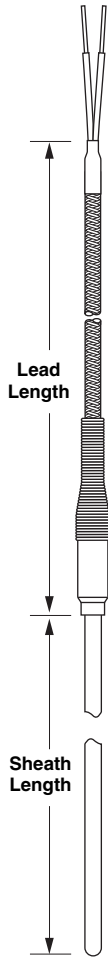
Calibration	Sheath Material	Sheath Diameter		Sheath Length	
				in. (mm)	in. (mm)
J	316 SS	0.063	(1.6)	AFED0TF060UJ030	AFED0TF120UJ030
		0.125	(3.2)	AFGD0TF060UJ030	AFGD0TF120UJ030
		0.188	(4.8)	AFHD0TF060UJ030	AFHD0TF120UJ030
		0.250	(6.4)	AFJD0TF060UJ030	AFJD0TF120UJ030
K	Alloy 600	0.063	(1.6)	AFED0TQ060UK030	AFED0TQ120UK030
		0.125	(3.2)	AFGD0TQ060UK030	AFGD0TQ120UK030
		0.188	(4.8)	AFHD0TQ060UK030	AFHD0TQ120UK030
		0.250	(6.4)	AFJD0TQ060UK030	AFJD0TQ120UK030

See next page for custom ordering information.

Thermocouples

Mineral Insulated

Metal Transitions with Spring Strain Relief Styles AF (Con't)



^①Stranded lead wire available only for sheath O.D. 0.063 to 0.500 inch.
^②1000°F potting not recommended with FEP insulated wire.

Note: 149°C (300°F) potting standard

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	12	13	14	15	
	A	F														
2. Style																
	F = Metal transition with strain relief and 149°C (300°F) potting															
3. Sheath O.D. (inch)																
A = 0.010	E = 0.063															
B = 0.020	G = 0.125															
C = 0.032	H = 0.188															
D = 0.040	J = 0.250															
4. Lead Wire Construction																
		Stan- dard	Over- braid	Flex Armor												
Fiberglass	Solid	A	J	R												
FEP	Solid	C	L	T												
Fiberglass	Stranded ^①	B	K	S												
FEP	Stranded ^①	D	M	U												
5. Fittings, Weld Pads																
If required, enter order code from pages 39-40. If none, enter "0".																
6. Lead Wire Termination																
A = Standard male plug																
B = Standard female jack																
C = Standard plug with mating connector																
F = Miniature male plug																
G = Miniature female jack																
H = Miniature plug with mating connector																
T = Standard, 1 ½ inch split leads																
U = 1 ½ inch split leads with spade lugs																
W = 1 ½ inch split leads with BX connector and spade lugs																
7. Sheath Material																
A = 304 SS	Q = Alloy 600 (Type K)															
F = 316 SS																
C = PFA coated over SS (available on G, H and J diameter)																
8-9. Sheath Length "L" (whole inches)																
03, 06, 12, 18, 24																
Available lengths: 01 to 99, over 99 consult factory Maximum length for PFA coating is 48 inches.																
10. Sheath Length "L" (fractional inch)																
0 = 0	1 = ¼	2 = ½	3 = ¾	4 = 1	5 = 1 ¼	6 = 1 ½	7 = 1 ¾									
11. Junction																
		Grounded	Ungrounded	Exposed												
Single		G	U	E												
Dual		H	W (isolated)	D (isolated)												
12. Calibration																
		E	J	K	N	T										
Standard limits		E	J	K	N	T										
Special limits		2	3	4	—	8										
13-14. Lead Wire Length "E" (whole feet)																
03, 04, 06, 08, 10																
Available lengths: 01 to 30, over 30 consult factory																
15. Special Requirements																
0 = None																
H = High temperature 538°C (1000°F) potting																
M = 260°C (500°F) potting																
X = Special requirements, consult factory																

Thermocouples