Thermocouples

Mineral Insulated

Metal Transitions with Spring Strain Relief Style AF



Ordering Information

Part Number

1	2	3	4	5	6	7	8 9	10	11	12	13 14	15
		Sheath	Lead Wire	Fittings, Weld	Lead Wire	Sheath	Sheath Length "L"	Sheath			Lead Wire Length "E"	Special
	Style	O.D.	Const.	Pads			(whole in.)			Calibration		Rgmts.
Α	F											

2	Style			
F=	Metal transition with strain relief and 300°F (149°C)			
3	Sheath O.D. (in.)			
B =	0.020			
C =	0.032			
D =	0.040			
E =	0.063			
G =	0.125			
H =	0.188			
J =	0.250			

4 Lead Wire Construction					
		Standard	Overbraid	Flex Armor	
Fiberglass	Solid	Α	J	R	
FEP	Solid	С	L	Т	
Fiberglass	Stranded*	В	K	S	
FEP	Stranded*	D	М	U	
*Stranded lead wire available only for sheath O.D. 0.063 and larger					

5	Fittings, Weld Pads			
0 =	None			
Notes: If required, enter code from pages 53 to 54. If none, enter "0".				
Weld pads available for 0.063 and larger.				

6	Lead Wire Termination			
A =	Standard male plug			
B =	- tom to the first part			
C =				
F=				
G =	= Miniature female jack			
H =	Miniature plug with mating connector			
T =	Standard, 11/2 in. split leads			
U =	1 ¹ / ₂ in. split leads with #8 spade lugs			

7	Sheath Material
A =	304/304L SS
F=	316/316L SS
C =	PFA coated over 304/304L SS (available on G, H and J diameter)
Q =	Alloy 600 (Type K)

8 9 Sheath Length "L" (whole in.)

Available lengths: 01 to 99, for lengths over 99 inches contact factory. Maximum length for PFA coating is 48 in.

10	Sheath Length "L" (fractional in.)
0 =	0
4 =	1/2

11	Junction					
	Grounded	Ungrounded	Exposed			
Single	G	U	Е			
Dual*	Н	W (isolated)	D (isolated)			
*Only available fo	nly available for 0.063 diameter and larger.					

12		Calibration		
	E	J	K	T
Standard limits	Е	J	K	Т
Special limits	2	3	4	8

	_			
13 14	Lead Wire	Length "E" (v	vhole feet)	
Available length	ıs: 01 to 30, fo	r lengths over	30 contact fac	otory

15	Special Requirements
	Standard 300°F (149°C)
H =	High temperature 1000°F (538°C) potting
M =	500°F (260°C)

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