

Transition Joint

MIEPL make MTT07 Thermocouple are the most common, convenient, and versatile devices used to measure temperature. They convert units of heat into useable engineering units that serve as input signals for process controllers and recorders. A thermocouple consists of a welded 'hot' junction between two dissimilar metals, usually wires and a reference junction at opposite ends of the parent materials. Mainly used in Power, Chemical, steel and Oil Industries.



FEATURES

- Flexible cable
- Transition joint
- Mineral insulation
- Adjustable process connection

APPLICATION

- Power & Utilities
- Plastic Industries
- Water, waste-water treatment
- Power & Utilities

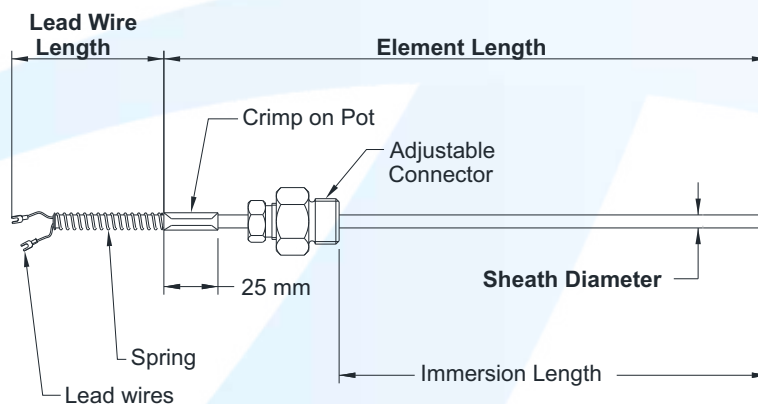
REFERENCE

- IEC-584.2 / ANSI MC-96.1

STANDARD SPECIFICATIONS

Element	: Type K (NiCr-Ni)
Accuracy	: Standard to ISA & ANSI MC96.1
No. of sensors	: Simplex
Hot junction	: Ungrounded
Sheath material	: AISI 316 SS
Sheath diameter	: 6.0 mm
Terminal head type	: Threaded, weatherproof, IP-65
Terminal head material	: Die-cast aluminum
Cable entry	: ¾" ET (F), 1 No.
Head extension	: Adjustable threaded connection
Head extension length	: AISI 304 SS
Immersion length	: 150 mm
Process connection	: ½" NPT (M) / ½" BSP (M)

DRAWING



ORDERING CODE

MTT07 - k - P - V - U - MF - M60 - KR

1. ELEMENT	Type K (NiCr-Ni)	K					
	Type J (Fe-CuNi)	J					
	Type N (NiCrSi-NiSi)	N					
	Type E (NiCr-CuNi)	E					
	Type T (Cu-CuNi)	T					
	Type R (Pt-13%Rh/Pt)	R					
	Type S (Pt-10%Rh/Pt)	S					
	Type B (Pt/30%Rh-Pt/6%Rh)	B					
2. ACCURACY	Standard	P					
	Special	Q					
3. NO. OF SENSORS	Simplex		V				
	Triplex			X			
	Duplex			W			
	Ungrounded				U		
	Grounded					G	
4. HOT JUNCTION	AISI 316 SS					MF	
	AISI 310 SS					ME	
	AISI 316L SS					MG	
	Inconel 600					MQ	
5. SHEATH MATERIAL	3.0 mm						M30
	5.0 mm						M50
	6.0 mm						M60
	8.0 mm						M80
7. IMMERSION LENGTH (IL)	50 mm up to 10,000 mm						
8. ELEMENT LENGTH (EL)	50 mm up to 10,000 mm						
9. LEAD WIRE LENGTH (WL)	Up to 25,000 mm						
10. LEAD WIRE TYPE	PTFE insulated						KP
	PTFE / PTFE insulated						KQ
	PTFE / PTFE / SS braided						KR
	FG / FG / SS braided						KS

ORDERING CODE

		AC	4NM
11. HEAD EXTENSION	Adjustable connection	AC	
	Fixed connection	FC	
12. PROCESS CONNECTION	1/4" NPT (M)		2NM
	1/4" BSP (M)		2BM
	1/2" NPT (M)		4NM
	1/2" BSP (M)		4BM
13. OTHER OPTIONS	Calibration Certificate		SB
	Tag plate, AISI 304 SS		WF
<p>Ordering Example : MTT07 - K - P - V - U - MF - M60 - KR - AC - 4NM</p> <p>1. Other sheath diameters, connections are available, please contact factory for details.O</p>			