

Plug Jack

MIEPL make MTT08 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. This Type of Thermocouple have Plug Jack.



FEATURES

- Mineral insulation
- Miniature Connector
- Adjustable Connection
- Plug & Jack Connection
- Quick Disconnection Type

APPLICATION

- Steel & Power
- Nuclear Power
- Reactor Application

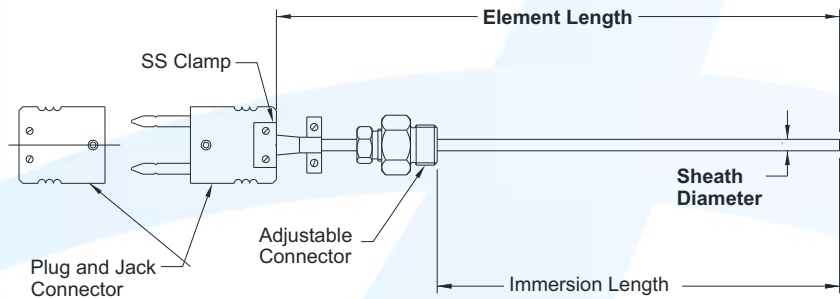
REFERENCE

- 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
Cold End Termination	: Standard Plug & Jack Connector
Element Length "L" mm	: 150 mm
Process Connection "P"	: ½" NPT (M) / ½" BSP (M)

DRAWING



ORDERING CODE

MTT08 - k - P - V - U - MF - M60 - JO

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			
4. HOT JUNCTION	Ungrounded			U				
	Grounded				G			
5. SHEATH MATERIAL	AISI 316 SS					MF		
	AISI 310 SS						ME	
	AISI 316L SS							MG
	Inconel 600							MQ
6. SHEATH DIAMETER	1.0 mm							M01
	1.5 mm							M15
	3.0 mm							M30
	4.5 mm							M45
	6.0 mm							M60
	8.0 mm							M80
7. COLD-END TERMINATION	Standard plug & jack connector							JO
	Miniature plug & jack connector							J1
	OMEGA Standard connector							J2
	OMEGA Miniature connector							J3
	LEMO Standard connector							J4
	LEMO Miniature connector							J5

ORDERING CODE

8. IMMERSION LENGTH (IL)	50 mm up to 10,000 mm	XXXXX	4NM
	50 mm up to 10,000 mm	XXXXX	
9. ELEMENT LENGTH (EL)	1/4" NPT (M)		2NM
	1/4" BSP (M)		2BM
	1/2" NPT (M)		4NM
	1/2" BSP (M)		4BM
10. PROCESS CONNECTION	Calibration Certificate		SB
	Tag plate, AISI 304 SS		WF

Ordering Example : MTT08 - K - P - V - U - MF - M60 - J0 - 4NM

1. Other sheath diameters, connections are available, please contact factory for details.
2. Duplex & Triplex not applicable.