

(STRAIGHT)

MIEPL Make MTT20 Wedge Shaped Skin Thermocouple. this thermocouple used to measure the skin temperature of fired heater and industrial boiler tube.



FEATURES

- Mineral insulated
- Wedge Shaped thick walled Thermocouple
- Available in all sheath diameters and sheath material
- Grounded Junction in a wedge Shaped tip for direct welding to a tube

APPLICATION

- For Skin temperature measurement of fired heaters and industrial boiler tubes.

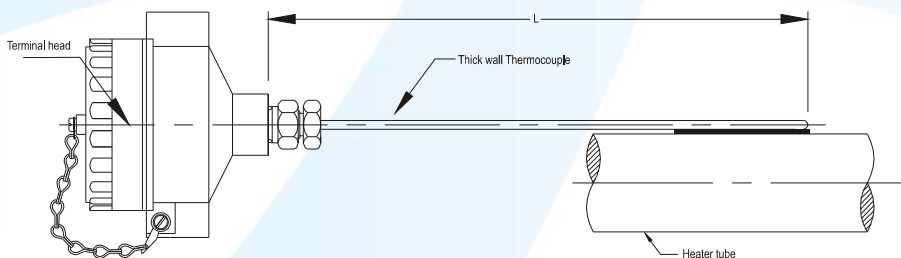
REFERENCE

- IANSI 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	: Screwed type, weatherproof, IP-65
Terminal head material	: Die-cast Aluminum
Cable entry	: 3/4" ET (F), 1 No.
Installation Type	: Axial With Tube
Expansion Loop	: None
Tube O.D.	: 406.4 mm
Total Length	: 1000 mm

DRAWING



ORDERING CODE

MTT20 - k - P - V - U - MF - M10 - BZ - ML - CO

1. ELEMENT	Type K (NiCr-Ni)	K								
	Type J (Fe-CuNi)	J								
	Type N (NiCrSi-NiSi)T	N	P							
	Type E (NiCr-CuNi)	E	Q							
2. ACCURACY	Standard			V						
	Special			X						
3. NO. OF SENSORS	Simplex			W						
	Triplex									
	Duplex									
4. HOT JUNCTION	Ungrounded				U					
	Grounded				G					
5. SHEATH DIAMETER	10.0 mm									
	12.0 mm									
	Consult factory for other size.									
6. SHEATH MATERIAL	AISI 310 SS					ME				
	AISI446 SS					M6				
	Inconel 600					MQ				
	Inconel 800					MR				
7. HEAD ENCLSURE	WP, IP 65, threaded cover						BZ			
	WP, IP 67, threaded cover						BX			
	Flame proof, IP 67, Gr IIA, IIB						BS			
	Explosion proof, IP 67, Gr IIC						BT			
	WP, IP 65, Hinged type						BV			
	WP, IP 65, cover fitted with 2 screws						BY			
	Ex-Proof to CSA,FM,ATEX [Ex-d]Die-cast aluminum						BU			
8. ENCLOSURE MATERIAL	Die-cast aluminum							ML		
9. CABLE ENTRY	¾" ET (F), 1 No.									C0
	½" NPT (F), 1 No.									C1
	M20 x 1.5mm (F), 1 No.									C2
	¾" NPT (F), 1 No.									C3
	¾" ET (F), 2 Nos.									C5

ORDERING CODE

	1/2" NPT (F), 2 Nos.		C6	A	-
	M20 x 1.5mm (F), 2 Nos.		C8		
	3/4" NPT (F), 2 Nos.		C9		
10. INSTALLATION TYPE	Axial With Tube			A	
	Perpendicular To Tube Axis			90°	
11. TOTAL LENGTH (TL)	50 mm up to 25,000 mm		XXXXX		
12. TUBE O.D.	Specify in mm.			XXX	
13. OTHER OPTIONS	Calibration Certificate	SB	SC, cable gland, AISI 316 SS WP		JH
	Tag plate, AISI 304 SS	WF	DC, cable gland, AISI 316 SS WP		JI
	SC, cable gland, Ni-brass WP	JD	SC, cable gland, AISI 316 SS FP		JN
	DC, cable gland, Ni-brass WP	JE	DC, cable gland, AISI 316 SS FP		JO
	SC, cable gland, Ni-brass FP	JJ	Plug fitting for CE, AISI 304 SS		JB
	DC, cable gland, Ni-brass FP	JK	Plug fitting for CE, AISI 316 SS		JC
	SC, cable gland, AISI 304 SS WP	JF	Plug fitting for CE, Aluminum		JU
	DC, cable gland, AISI 304 SS WP	JG	SS base plate for transmitter		JS
	SC, cable gland, AISI 304 SS FP	JL	Head mount transmitter		JT
	DC, cable gland, AISI 304 SS FP	JM			

Ordering Example **MTT20-K-P-V-U-MF-M60-BZ-ML-CO-A-XX-SB**

NOTES:

1. When selecting option "SB", Please also specify measuring teperature range.(e.g.o/300°C).