

(WITHOUT PROTECTING TUBE)

MIEPL Make MTT25 Multi-Point Thermocouple Assembly is used Oil & Gas Plant in Catalytic, Crackers, Lime Kilns, distillation and pressurized vessels.



FEATURES

- Mineral Insulation.
- Available in all Standard Sheath Diameters and Sheath material.
- Protecting tube size & material will be as per customer's Requirement.
- Mineral Insulation Enables Flexibility and Durability.
- Enclosures in all Material-Die cast Aluminium / Cast Iron / SS 304 / SS 316.
- Enclosures in all Categories (Weatherproof, IP-65 to IP-68, Flameproof Gr. IIA, IIB, and Explosionproof, Gr. IIA, IIB, IIC for H₂ service application.)

APPLICATION

- These assemblies find application in Refinery & Petrochemical Plants Which includes catalytic crackers, lime kilns, distillation columns pressurised reactor Vessels.

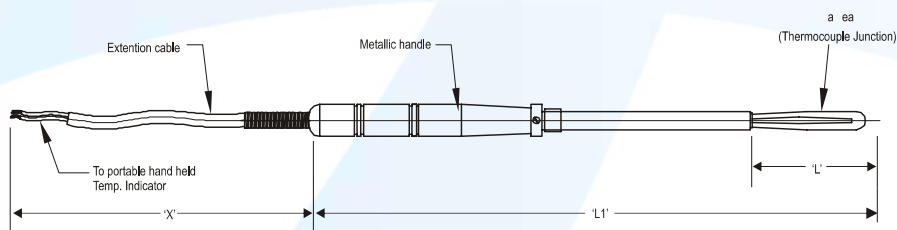
REFERENCE

- IEC-584.2 / ANSI MC-96.1

STANDARD SPECIFICATIONS

Element	: Type R (Pt-13%Rh/Pt)
Element type	: Element with ceramic insulators
Accuracy	: Standard to ISA & ANSI MC96.1
No. of sensors	: Simplex
Hot junction	: Ungrounded
Wire diameter	: 24 AWG (0.511 mm)
Terminal head type	: Screwed Type, Weatherproof, IP-65
Terminal head material	: Die-cast Aluminium
Cable entry	: 3/4" ET (F), 1 No.
Head extension type	: Head with female threading
Support tube material	: AISI 446 SS
Protecting tube material	: KER - 710, Recrystallised Alumina
Protecting tube size (OD X ID)	: 15 x 10 mm
Process connection type	: Adjustable connection
Process connection	: 3/4" NPT (M)
Process connection mat	: ASTM A 105 / Carbon Steel
Overall length / Exposed length	: 500 mm / 300 mm
Extension Length	: 100 mm

DRAWING



ORDERING CODE

MTT24 - **k** - **V** - **P** - **G** - **M15** - **ME** - **BZ** - **ML**

1. ELEMENT	Type K (NiCr-Ni)	K							
2. NO. OF SENSORS	Simplex	V							
	Duplex	W							
3. ACCURACY	Standard		P						
	Special		Q						
4. NO OF POINT	2 RTD			2					
	3 RTD			3					
	4 RTD			4					
	5 RTD			5					
	6 RTD			6					
	9 RTD			9					
4. HOT JUNCTION	Grounded				G				
	Ungrounded				U				
5. SHEATH DIAMETER	1.5mm					M15			
	3.0 mm					M30			
	4.5 mm					M45			
	6.0 mm					M60			
	Consult factory for other size.								
6. SHEATH MATERIAL	AISI 310 SS						ME		
	AISI 316 SS						MF		
	Inconel 600						MQ		
7. HEAD ENCLOSURE	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 [EEx-d]Die-cast aluminum							BU	
8. ENCLOSURE MATERIAL	Die-cast aluminum								ML

ORDERING CODE

CO - MB - FC - SB

9. CABLE ENTRY	3/4" ET (F), 1 No.	C0		
	1/2" NPT (F), 1 No	C1		
	3/4" NPT (F), 1 No.	C3		
	3/4" ET (F), 2 Nos.	C5		
	1/2" NPT (F), 2 Nos.	C6		
	3/4" NPT (F), 2 Nos.	C9		
	10. FLANGE MATERIAL	ASTM A 105 (CS)		MB
A 182 F316			MF	
Consult factory for other material				
11. FLANGE TYPE/ SIZE	Fixed connection		FC	
12. IMMERSION LENGTH (L)	50 mm up to 5,000 mm		XXXX	
13. EXTENSION LENGTH (TL)	50 mm up to 250 mm		XXX	
14. 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 MTT24 - K - V - P - G - M15 - ME - BZ - ML - CO - M6 - U1 - MB - FC - SB

NOTES:

- When selecting option "SB", Please also specify measuring temperature range.(e.g.o/300°c).