

(WITH PROTECTING TUBE),(WITH GUIDE TUBE), (WITH SPRING LOADING ARRANGEMENT)

MIEPL make Multipoint RTD MTR 13 Assembly is special type of RTD. This type of RTD have bunch of RTDs and arranged in Protecting Tube for protection of RTDs. This type RTDs are used in Oil, Gas & Chemical industries in critical application areas.



FEATURES

- Mineral Insulation.
- Available in all Sheath Diameters
- 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 Hservice application.)

APPLICATION

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

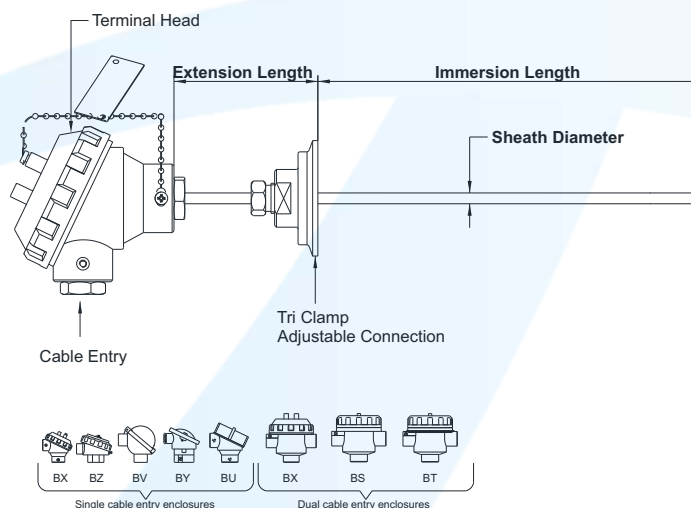
REFERENCE

- IEC-60751

STANDARD SPECIFICATIONS

Element	: Pt-100, class B
Range	: -200...400°C
Wire combination	: Simplex, 3 Wire
Sheath material	: AISI 316 SS
Sheath diameter	: 6.0 mm
Head enclosure	: Weatherproof, IP 65, threaded cover
Enclosure material	: Die-cast aluminum
Cable entry	: ¾" ET (F), 1 No.
Head extension	: Tri-clamp connection
Protecting tube material	: AISI 316 SS
Immersion Length	: 150 mm
Extension Length	: 50 mm
Process connection type	: Adjustable
Process connection	: 1½" Tri-clamp

DRAWING



ORDERING CODE

		MTR13	-	PT100A	-	XXX	-	A	-	M30	-	M60	-	MF	-	BZ	-	ML	-	CO
1. ELEMENT	Pt100, Class A	PT 100 A																		
	Pt100, Class B	PT 100 B																		
2. RANGE	-200...400°C					XXX														
	0...600°C					XXX														
3. WIRE COMBINATION	Simplex, 2-Wire							A												
	Simplex, 3-Wire							C												
	Simplex, 4-Wire							D												
	Duplex, 2-Wire							F												
	Duplex, 3-Wire							H												
	Duplex, 4-Wire							I												
4. NO OF POINT	2 RTD							2												
	3 RTD							3												
	4 RTD							4												
	5 RTD							5												
	6 RTD							6												
	9 RTD							9												
5. SHEATH DIAMETER	12 RTD							12												
	3.0 mm									M30										
	4.5mm									M45										
6. GUIDE TUBE DIAMETER	6.0 mm									M60										
	8.0 mm									M80										
	10.0 mm									M10										
7. HEAD ENCLOSURE	AISI 316 SS													MF						
8. SHEATH MATERIAL	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 screw																	BY		
	Ex-Proof to CSA,FM,ATEX [EEx-d]s																	BU		
9. ENCLOSURE MATERIAL	Die-cast aluminum																	ML		
10. GUIDE TUBE MATERIAL	AISI 316 SS																	MF		
11. CABLE ENTRY	¾" ET (F), 1 No.																			C0
	½" NPT (F), 1 No																			C1
	¾" NPT (F), 1 No.																			C3
	¾" ET (F), 2 Nos.																			C5
	½" NPT (F), 2 Nos.																			C6
	¾" NPT (F), 2 Nos.																			C9
12. PROTECTION TUBE MATERIAL	AISI 316 SS																			MF

ORDERING CODE

				U1	MB	FC	N8	SB
13. PROTECTION TUBE	Tube Ø10 x 1.5 mm THK			U1				
	Tube Ø12 x 1.5 mm THK			U2				
	Pipe 3/8" Sch 40			U3				
	Pipe 3/8" Sch 80			U4				
	Pipe 1/2" Sch 40			U5				
	Pipe 1/2" Sch 80			U6				
	Pipe 3/4" Sch 40			U7				
	Pipe 3/4" Sch 80			U8				
14. FLANGE MATERIAL	ASTM A 105 (CS)				MB			
	A 182 F316				MF			
	Consult factory for other material							
15. FLANGE TYPE/ SIZE	Fixed connection					FC		
16. IMMERSION LENGTH	50 mm up to 5,000 mm					xxx		
17. EXTENSION LENGTH (TL)	50 mm up to 250 mm					xxx		
18. HEAD EXTENSION	NU assembly in ASTM A 105						N8	
	NU assembly in ASTM 304 SS						N9	
	NU assembly in ASTM 316 SS						N10	
	Head With Flexhose Extension						N11	
19. HEAD EXTENSION LENGTH	50 mm up to 250 mm						xxx	
14. OTHER OPTIONS	Plug Fitting For CE, AISI 304 SS	JB	SC, Cable Gland, AISI 316 SS FP					JN
	Plug Fitting For CE, AISI 316 SS	JC	DC, Cable Gland, AISI 316 SS FP					JO
	SC, Cable Gland, Ni-brass WP	JD	Terminal Head In SS 304					JP
	DC, Cable Gland, Ni-brass WP	JE	Terminal Head In SS 316					JQ
	SC, Cable Gland, AISI 304 SS WP	JF	Terminal Head In Cast Iron					JR
	DC, Cable Gland, AISI 304 SS WP	JG	SS base Plate For Transmitter					JS
	SC, Cable Gland, AISI 316 SS WP	JH	Head Mount Transmitter					JT
	DC, Cable Gland, AISI 316 SS WP	JI	Plug Fitting For CE Aluminum					JU
	SC, Cable Gland, Ni-brass FP	JJ	Calibration Certificate					SB
	DC, Cable Gland, Ni-brass FP	JK	Tag Plate, AISI 304 SS					WF
	SC, Cable Gland, AISI 304 SS FP	JL	Calibration certificate ¹					SB
	DC, Cable Gland, AISI 304 SS FP	JM						

Ordering Example

MTR13 - PT100A - XXX - A - M30 - M60 - MF - BZ - ML - CO - U1 MB FC K6 N8 SB

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