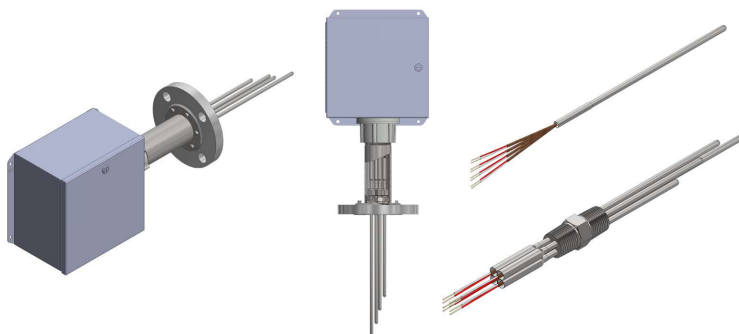


(WITH PROTECTING TUBE),(WITH GUIDE TUBE), (WITH SPRING LOADING ARRANGEMENT)

MIEPL make Multipoint RTD MTR13 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 of assembly is used in Oil & Gas Refineries, Chemical industries & some 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.

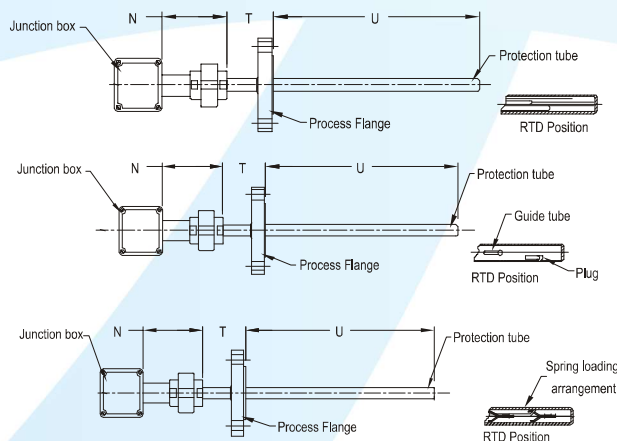
REFERENCE

- IEC-60751

STANDARD SPECIFICATIONS

Element	: Pt-100, class B
Range	: -200...450°C
Wire combination	: Simplex 3 Wire
No. of Point	: 4 RTD
Sheath material	: AISI 316 SS
Sheath diameter	: 3.0mm
Head enclosure	: Watheproof, Ip65, 1 head cover
Enclosure material	: Die-cast Aluminium
Cable entry	: ¾" ET (F), 4 No.
Protecting tube material	: AISI 316 SS
Protecting tube size	: 1" sch 40
Flang material	: A182, F316
Flang type/size	: 2" 150 # RF
Immersion Length	: U=200mm, U1=1200mm, U2=1400mm, U3=1600mm, U4=1800mm
Extension Length	: 50 mm
Head Extension	: No assbly in AISI 304SS
Head Extension Lenght	: 200 mm

DRAWING



ORDERING CODE

MTR13 - **Pt-100A** - **XXX** - **A** - **M30** - **M60** - **MF** - **BZ** - **ML** - **CO**

1. ELEMENT	Pt-100, Class A	Pt-100 A
	Pt-100, 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
	12 RTD	12
5. SHEATH DIAMETER	3.0 mm	M30
	4.5mm	M45
	6.0 mm	M60
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 [EEEx-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 304 SS	MC
	AISI 304 SSL	MD
	AISI 316 SS	MF
	AISI 316 SSL	MG
	AISI 321 SS	MI

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	SS base Plate For Transmitter		JS
	Plug Fitting For CE, AISI 316 SS	JC	Plug Fitting For CE, Aluminum		JU
	SC, Cable Gland, Ni-brass WP	JD	Tag Plate, AISI 304 SS		WF
	DC, Cable Gland, Ni-brass WP	JE	Calibration certificate ¹		SB
	SC, Cable Gland, AISI 304 SS WP	JF	Head Mounted TT		
	DC, Cable Gland, AISI 304 SS WP	JG	• FR block		FB
	SC, Cable Gland, AISI 316 SS WP	JH	• Atx Block		AB
	DC, Cable Gland, AISI 316 SS WP	JI	• Hart Block		HB
	DC, Cable Gland, Ni-brass FP	JK	Special - other special transmitter		
	DC, Cable Gland, AISI 304 SS FP	JM	Temperature Range		
	DC, Cable Gland, AISI 316 SS FP	JO			
	Terminal Head In SS 304	JP			
	Terminal Head In SS 316	JQ			
	Terminal Head In Cast Iron	JR			
	None & Select the same in ordering example				xxx

Ordering Example

MTR13 - Pt-100B - XXX - A - M30 - M60 - MF - BZ - ML - CO - U1 - MB - FC - N8 - SB

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