

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

MIEPL make Multipoint RTD MTR 14 Assembly is special type of RTD. This type of RTD have bunch 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.

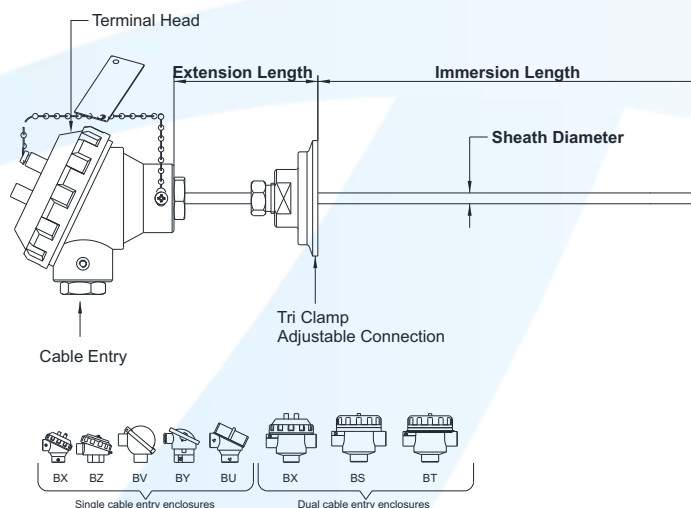
REFERENCE

- 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

MTR14 - PT100A - XXX - A - M30 - MF - BZ - ML - CO - MB

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. SHEATH DIAMETER	3.0 mm	M30								
	4.5mm	M45								
	6.0 mm	M60								
	Consult factory for other size.									
5. SHEATH MATERIAL	AISI 316 SS	MF								
6. 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								
7. ENCLOSURE MATERIAL	Die-cast aluminum	ML								
8. CABLE ENTRY	¾" ET (F), 1 No.	CO								
	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								
9. FLANGE MATERIAL	ASTM A 105 (CS).	MB								
	A 182 F316	MF								

ORDERING CODE

						FC	N11	SB
10. FLANGE TYPE/ SIZE	Fixed connection					FC		
11. IMMERSION LENGTH	50 mm up to 5,000 mm					XXXX		
12. HEAD EXTENSION	Head With Flexhose Extension						N11	
13. HEAD EXTENSION LENGTH (XL)	50 mm up to 250 mm						XXXX	
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 certificate¹					SB
	DC, Cable Gland,AISI 304 SS FP	JM						

Ordering Example

MTR14 - PT100A - XXX - A - M30 - MF - BZ - ML - CO - MB - FC - N11 - SB

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