

Tri-clamp Connection

MIEPL Hygienic RTD MTR12 Assembly (Tri-Clamp Connection) is used in Hygienic application.

This assembly widely used in Food & Pharma Industries.



FEATURES

- ⇒ Weld-Pad connection
- ⇒ Mineral insulated
- ⇒ Exchangeable insert
- ⇒ Spring loaded design

APPLICATION

- ⇒ Pharmaceutical industries
- ⇒ Food & Beverage industries

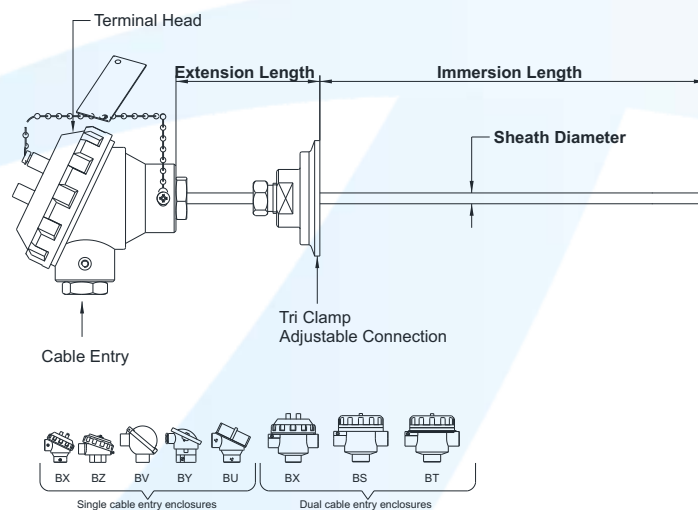
REFERENCE

- ⇒ IEC-751 / DIN 43760

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	: 3/4" 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	: 1 1/2" Tri-clamp

DRAWING



ORDERING CODE

MTR12 - **PT100B** - **XXX** - **C** - **MF** - **M60** - **BZ** - **ML** - **CO**

1. ELEMENT								
	Pt100, Class A	PT 100 A						
	Pt100, Class B	PT 100 B						
	Pt500, Class A	PT 500 A						
	Pt500, Class B	PT 500 B						
	Pt1000, Class A	PT1000 A						
	Pt1000, Class B	PT1000 B						
2. RANGE	-200...400°C		XXX					
	0...600°C		XXX					
3. WIRE COMBINATION	Simplex, 2-Wire			A				
	Simplex, 4-Wire			D				
	Duplex, 3-Wire			H				
	Simplex, 3-Wire			C				
	Duplex, 2-Wire			F				
	Duplex, 4-Wire			I				
4. SHEATH MATERIAL	AISI 316 SS				MF			
	AISI 316L SS				MG			
5. SHEATH DIAMETER	3.0 mm					M30		
	5.0 mm					M50		
	6.0 mm					M60		
	8.0 mm					M80		
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	
	WP, IP 65, cover fitted with 2 screw						BY	
	Ex-Proof to CSA,FM,ATEX [EEx-d]s						BU	
7. ENCLOSURE MATERIAL	Die-cast aluminum							ML
	AISI 316 SS							MF
	AISI 304 SS							MC
8. CABLE ENTRY	¾" ET (F), 1 No.							CO
	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
	½" NPT (F), 2 Nos.							C6
	M20 x 1.5mm (F), 2 Nos.							C8
	¾" NPT (F), 2 Nos.							C9

