

Fix Threaded

MIEPL Make RTD MTR03 accurately sense temperature with an excellent degree of repeatability and inter change ability of elements. The RTD is composed of certain metallic elements whose change in resistance is a function of temperature. This type of RTD have fixed Thread connector.

**FEATURES**

- Fixed extension
- Mineral insulated
- Exchangeable insert
- Spring loaded design

APPLICATION

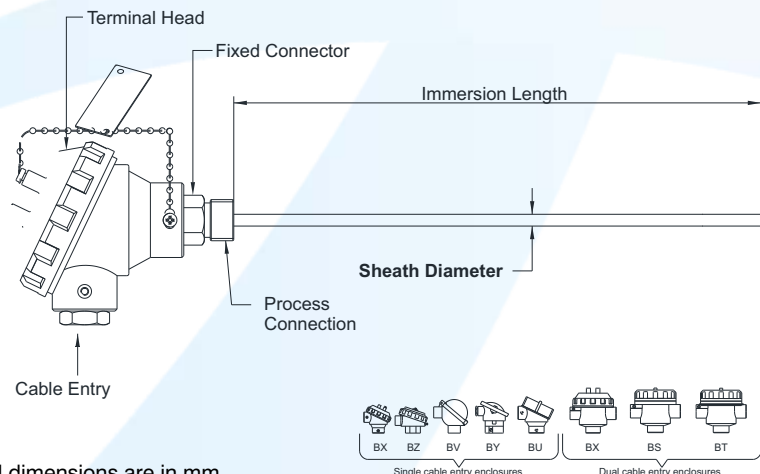
- Chemical & petrochemical
- Oil & gas application
- Water, waste-water treatment
- Power & Utilities

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	: Fixed thread connection
Head extension material	: AISI 304 SS
Immersion length	: 150 mm
Process connection	: 1/2" NPT (M) / 1/2" BSP (M)

DRAWING

All dimensions are in mm.

ORDERING CODE

MTR02 - PT100A - XXX - C - MF - M60 - BZ - ML - CO

1. ELEMENT		PT 100 A	PT 100 B	PT 500 A	PT 500 B	PT1000 A	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 ²										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		
	Die-cast aluminum												ML	
7. ENCLOSURE MATERIAL	AISI 316 SS												MF	
	AISI 304 SS												MC	
8. CABLE ENTRY	¾" ET (F), 1 No.													C0
	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

ORDERING CODE

		MC - 4NM
9. HEAD EXTENSION MATERIAL	AISI 304 SS	MC
	AISI 316 SS	MF
10. IMMERSION LENGTH (IL)	50 mm up to 10,000 mm	XXXXX
11. PROCESS CONNECTION	½" NPT (M)	4NM
	½" BSP (M)	4BM
	¾" NPT (M)	5NM
	¾" BSP (M)	5BM
	M20 X 1.5 mm (M)	4MM
12. OTHER OPTIONS	Plug Fitting For CE, AISI 304 SS	JB
	Plug Fitting For CE, AISI 316 SS	JC
	SC, Cable Gland, Ni-brass WP	JD
	DC, Cable Gland, Ni-brass WP	JE
	SC, Cable Gland, AISI 304 SS WP	JF
	DC, Cable Gland, AISI 304 SS WP	JG
	SC, Cable Gland, AISI 316 SS WP	JH
	DC, Cable Gland, AISI 316 SS WP	JI
	SC, Cable Gland, Ni-brass FP	JJ
	DC, Cable Gland, Ni-brass FP	JK
	SC, Cable Gland, AISI 304 SS FP	JL
	DC, Cable Gland, AISI 304 SS FP	JM
	SC, Cable Gland, AISI 316 SS FP	JN
	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
	SS base Plate For Transmitter	JS
	Head Mount Transmitter	JT
	Plug Fitting For CE, Aluminum	JU
Calibration Certificate	SB	
Tag Plate, AISI 304 SS	WF	

Ordering Example **MTR03 - PT100A - XXX - C - M60 - BZ - ML - CO - MC - 4NM**

1. Other sheath diameters, materials and connections are available, please contact factory for details.
2. Not available in Double, 4-Wire combinations.
3. WP = Weatherproof, FP = Flame proof, SC = Single Compression, DC = Double Compression, CE = Cable Entry
4. Transmitter output shall be 4...20 mA as standard, any other output required, please contact factory for details.