

Adjustable Threaded

MIEPL make RTD MTR04 accurately sense temperature with an excellent degree of repeatability and interchangeability of elements. The RTD is composed of certain metallic elements whose change in resistance is a function of temperature. This type of RTD have adjustable Thread connector. RTDs are used in every process industries.

**FEATURES**

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

APPLICATION

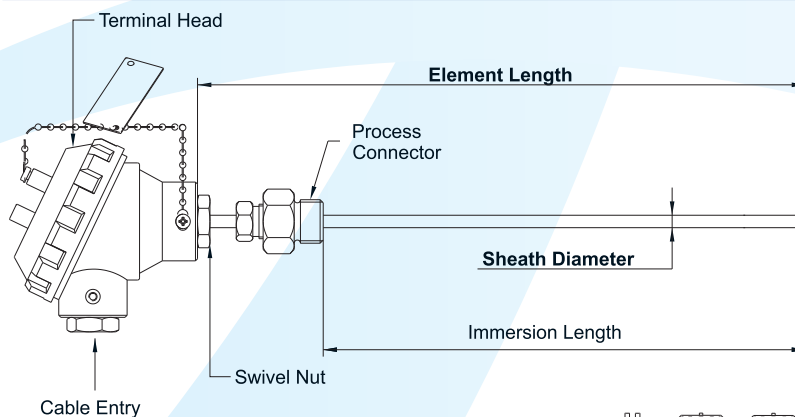
- Chemical & petrochemical
- Oil & gas application
- Water, waste-water treatment
- Power & Utilities

REFERENCE

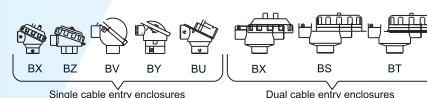
- IEC-751 / DIN 43760

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 aluminium
Cable entry	: ¾" ET (F), 1 No. / 1½" BSP(F).1No.
Head extension	: Adjustable threaded connection
Head extension material	: AISI 304 SS
Immersion length	: 150 mm
Process connection	: ½" NPT (M) / ½" BSP (M)

DRAWING

All dimensions are in mm.



ORDERING CODE

MTR04 - Pt-100A - XXX - C - MF - M60 - BZ - ML - CO

1. ELEMENT	Pt-100, Class A	Pt-100 A						
	Pt-100, Class B	Pt-100 B						
	Pt-500, Class A	Pt-500 A						
	Pt-500, Class B	Pt-500 B						
	Pt-1000, Class A	Pt-1000 A						
	Pt-1000, Class B	Pt-1000 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 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		
7. ENCLOSURE MATERIAL	Die-cast aluminum						ML	
	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	4NM
	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
	DC, Cable Gland, Ni-brass FP		JK
	DC, Cable Gland,AISI 304 SS FP		JM
	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
	Plug Fitting For CE, Aluminum		JU
	Calibration Certificate		SB
	Tag Plate, AISI 304 SS		WF
	Head Mounted transmitter		
	• FR block		FB
	• Atx Block		AB
	• Hart Block		HB
	Special - other special transmitter		
	Temperature Range		
	None & Select the same in ordering example		xxx

Ordering Example : MTR04 - Pt-100A - XXX - C - MF - M60 - BZ - ML - CO - MC - 4NM

NOTES :

1. Other sheath diameters, materials and connections are available, please contact factory for details.
2. We can provide Double, 4-wire combination on request..
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.
5. Please mention with the inquiry, if you are choosing "Element length".