

Plug & Jack Connector

MIEPL Make RTD MTR06 accurately sense temperature with an excellent degree of repeatability and interchange ability of elements. The RTD is composed of certain metallic elements whose change in resistance is a function of temperature. RTDs are used in every process industries. This type of RTD have Plug & Jack Connector.

**FEATURES**

- Plug & Jack Connection
- Mineral insulated
- OMEGA / LEMO connectors
- Simplex configuration
- Adjustable connection

APPLICATION

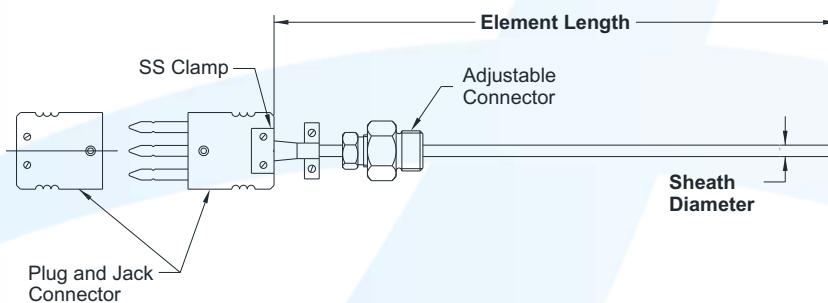
- Power & Utilities
- Auto-clave applications
- Pharmaceuticals

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
Cold-end termination	: Standard Plug & Jack Connector
Element length	: 150 mm
Process connection	: ½" NPT (M) / ½" BSP (M)

DRAWING

ORDERING CODE

MTR06 - PT100A - XXX - C - MF - M60 - J0 - 4NM

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				
3. WIRE COMBINATION	Simplex, 3 -Wire			C			
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. COLD END TERMINATION	Standard plug & jack connector						J0
	Miniature plug & jack connector						J1
	OMEGA Standard connector						J2
	OMEGA Miniature connector						J3
	LEMO Standard connector						J4
	LEMO Miniature connector						J5
7. ELEMENT LENGTH (EL)	50 mm up to 10,000 mm						XXXX
8. PROCESS CONNECTION	1/4" NPT (M)						2NM
	1/4" BSP (M)						2BM
	1/2" NPT (M)						4NM
	1/2" BSP (M)						4BM
9. OTHER OPTIONS	Calibration Certificate						SB
	Tag plate, AISI 304 SS						WF

Ordering Example MTR06 - PT100A - XXX - C - MF - M60 - J0 - 4NM

1. Other sheath diameters, materials and connections are available, please contact factory for details.