

Bearing

MIEPL Make RTD MTR08 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. This type of RTDs are used to measure the bearing temperature of Turbine, Motor and other heavy equipment.

**FEATURES**

- With Flexible Cable
- Various designs of Hot ends

APPLICATION

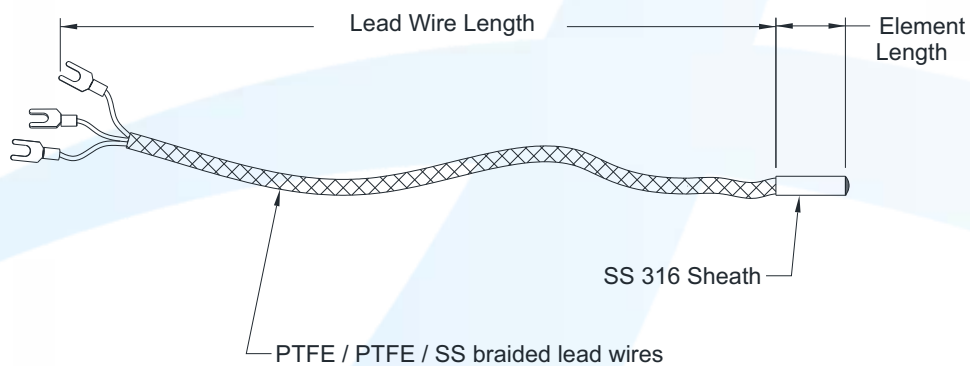
- Bearing temperature
- Turbines

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
Element length	: 25 mm
Lead wire length	: 3000 mm
Lead Wire type	: PTFE / PTFE / SS Braided Lead wires

DRAWING

ORDERING CODE

MTR08 - PT100A - XXX - A - MF - M30 - KP - SB

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, 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. ELEMENT LENGTH (EL)	Up to 50 mm				XXXXX		
7. LEAD WIRE LENGTH (WL)	Up to 25,000 mm				XXXXX		
8. COLD END TERMINATION	PTFE insulated					KP	
	PTFE / PTFE insulated					KQ	
	PTFE / PTFE / SS braided					KR	
	FG / FG / SS braided					KS	
	PTFE / PTFE / Silicon Rubber insulated					KV	
9. OTHER OPTIONS	Calibration Certificate						SB
	Tag plate, AISI 304 SS						WF

Ordering Example MTR08 - PT100A - XXX - A - MF - M30 - KP - SB

1. Other sheath diameters, materials and connections are available, please contact factory for details.
2. Not available in Double, 4-Wire combinations.