

Resistance Thermometer

Micro RTD intended high purity electrical resistance wire, non inductively wound on ceramic or glass base material. When RTD element subjected to heat it changes its electrical resistance value corresponding to variation in temperature & thermal co-efficient.

CONSTRUCTION FEATURES

Enclosure	: Die Cast Aluminum.
Protection	: IP, Flameproof Grade IIA, IIB & IIC.
Accuracy	: Class A & Class B.
Sensor Element	: PT-100 Simplex & PT-100 Duplex.
Cold End	: Terminated in to ceramic terminal block.
Stem Material	: SS 316 / SS 304, Inconel, Monel, Haystallo.
Stem Dia.	: 6mm, 8mm, 10mm & 12mm.
Stem Length	: 300mm Standard.
Configuration	: 2 wire, 3 wire & 4 wire.
Connection	: 1/4", 3/8", 1/2" BSP / NPT Adjustable.
Range	: -200°C to 600°C



RTD with TC Connection



RTD with armoured



RTD with SS Construction



RTD with Teflon extension cable

OPTIONAL FEATURES

- Head mounted transmitter can be mounted
- Cable RTD available
- Cable insulation made of PVC, Silicon,
- Teflon Coated & SS Braded.

APPLICATION

Plastic processing machineries, Injection Moulding Machines, Engine Cylinder heads and oil pumps, bearing, pipelines & tanks. Energy & power plants, chemical industries, food & beverage industries, sanitary, heating & air conditioning technology.