

Protection Head Thermocouples

PHT - 584 Series

Weatherproof / Flameproof Head
Rigid / Mineral Insulated (MI) Sheath
Simplex / Duplex / Multipoint Assembly
Grounded / Ungrounded Junction
With Fixed / Adjustable Fitting or Mounting Flange

Process Precision Instruments
Vasai Road (E), Dist. Palghar - 401210,
Maharashtra, India

www.ppiindia.net



Features

- Suitable for Non-Corrosive / Non-Acidic Applications
- Various Element Types : J, K, T, R, S, B, N
- Grounded & Ungrounded Junctions
- Simplex / Duplex / Multipoint Assembly
- Different SS Grade Sheaths : SS304, SS310, SS316, SS321, Inconel, Ceramic Tube, etc.
- Various Sheath Diameters & Stem Lengths
- Variety of Mounting Assemblies : SS/Aluminium Flanges, Fixed / Adjustable SS Compression Fittings, etc.
- Screw Type Terminals on Ceramic Block inside Weather / Flame - Proof Protection Head
- Mineral Insulated (MI) for Superior-Response & High-Temperature Applications

Applications

- Petrochemical Industry
- Power Generation
- Metal Processing
- HVAC Systems
- Aerospace
- Automotive
- Food and Beverage Industry
- And More...

Protection Head Thermocouples

Specifications

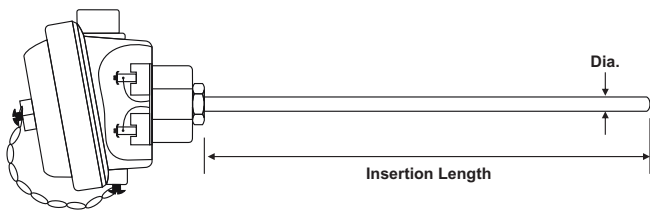
Element

Types	J, K, T, R, S, B, N
Accuracy	IEC 60584

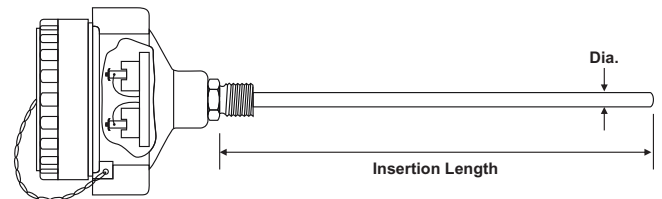
Construction

Assembly	Simplex / Duplex / Multipoint
Protection Sheath	Rigid / Mineral Insulated (MI)
Sheath Material	Rigid : SS316 / SS304 / SS310 / Inconel 600 / Ceramic Tube etc. Mineral Insulated : SS316 / SS310 / Inconel 600
Sheath Length & Diameter	As Specified
Process Connection (Optional)	BSP / NPT (Fixed / Adjustable)
Mounting Flange (Optional)	Aluminum Oval Flange / Triclover Flange / Adjustable Triclover Flange / SS Round Flange
Protection Head	Die-cast Aluminum in Weatherproof & Flameproof Version
Termination	Screw Type on Ceramic Terminal Block
Cable Entry	3/4" ET (1/2" BSP on Request)

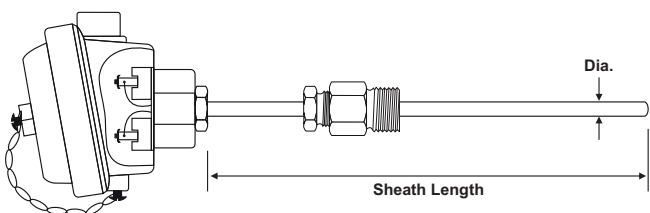
Without Process Connection



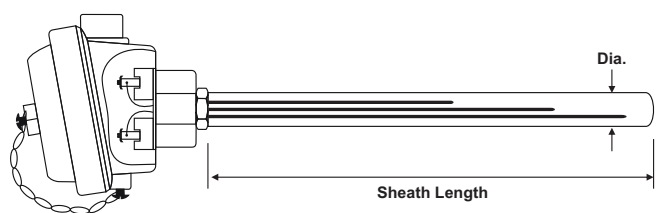
With Fixed Fitting



With Adjustable Fitting

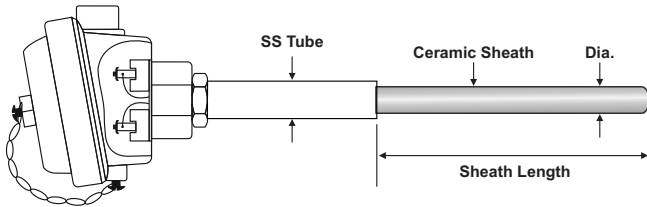


Multipoint Assembly

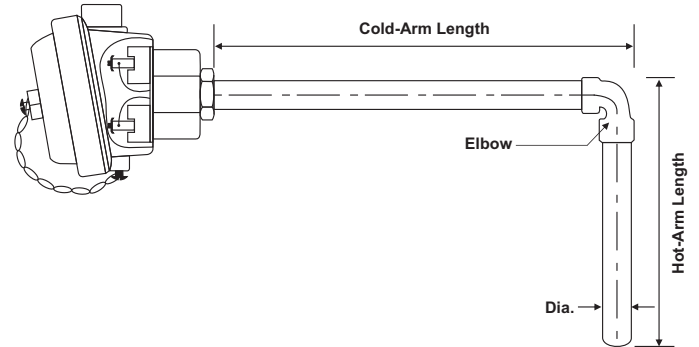


Protection Head Thermocouples

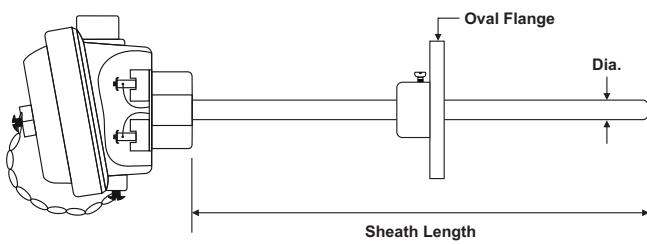
Ceramic Sheathed



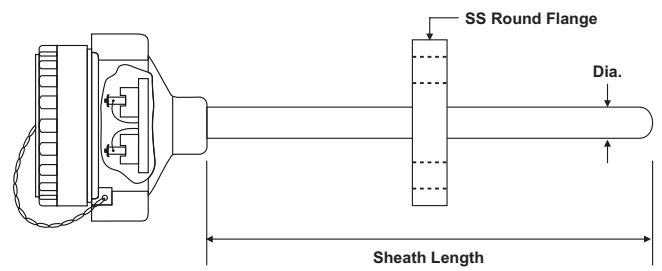
Angular Assembly



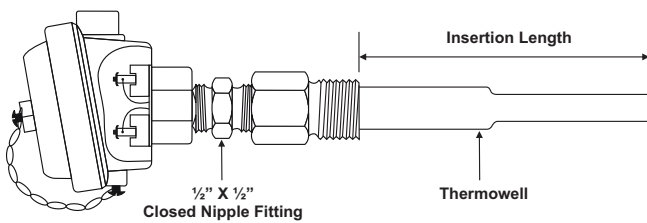
Head Type with Oval Flange



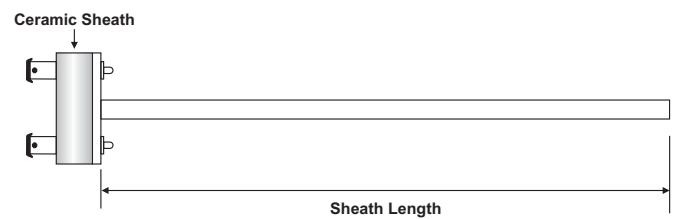
Head Type with Round Flange



Sensor with Thermowell

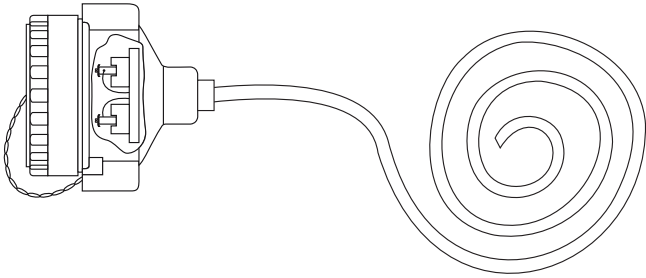


Sensor with Ceramic Block Simplex

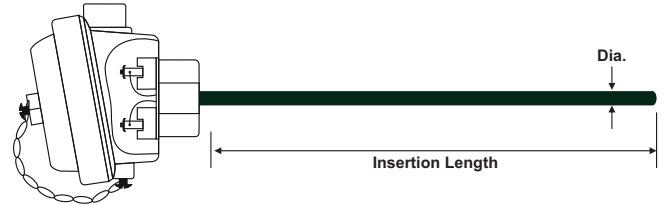


Protection Head Thermocouples

Mineral Insulated (MI)



Polypropylene Head with Teflon Coating



Adjustable Fittings & Flanges



- **Adjustable Compression Fitting**
Materials : SS316, SS304, SS321
Threads : NPT, BSP, others
- **Adjustable Flange**
Materials : SS316, SS304, Aluminum
Shapes : Oval, Round & Other
- **Adjustable Triclover Flange**
Material : SS316

Thermowells



- Fabricated / Bar-Stock Construction in Straight / Tapered Shapes
- Different SS Grade Sheaths
- With Screwed or Flanged Process Connections

Process Precision Instruments (An ISO 9001 : 2008 Company)

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