

Protection Head RTDs

PHR - 751 Series

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

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

www.ppiindia.net



Features

- Suitable for Low Temperature / Non-Corrosive / Non-Acidic Applications
- Various Element Types : Pt100, Pt200, Pt500, Pt1000, etc.
- 2 / 3 / 4 - Wire Configurations
- Simplex / Duplex / Multipoint Assembly
- Different SS Grade Sheaths : SS304, SS310, SS316, SS321, Inconel 600, HRS 446, Hastelloy, 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

- Process Industries
- HVAC Systems
- Aerospace
- Automotive
- Chemical Processing
- Food and Beverage Industry
- Pharmaceutical Industry
- And More...

Protection Head RTDs

Specifications

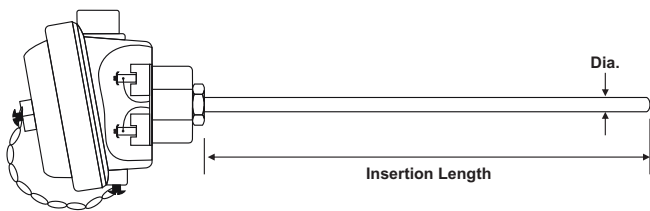
Element

Types	Standard : Pt100 Optional : Pt200, Pt500, Pt1000
Temperature Coefficient	0.00385Ω/Ω/°C (3850 ppm/K)
Accuracy	Standard : Class-B (IEC 60751 F0.3) Optional : Class-A (IEC 60751 F0.15)
Temperature Range	Standard : -200 to +400°C Optional : -200 to +600°C

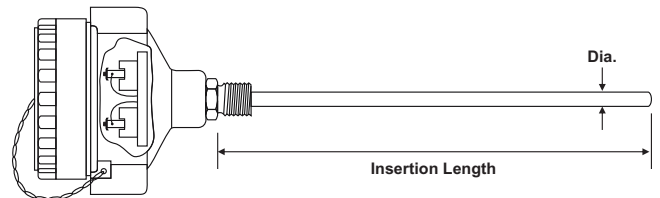
Construction

Configuration	Standard : 3-Wire Optional : 2-Wire / 4-Wire
Assembly	Simplex / Duplex / Multipoint
Protection Sheath	Rigid / Mineral Insulated (MI)
Sheath Material	Rigid : SS316 / SS304 / SS310 / Inconel 600 / HRS 446 / Hastelloy / Titanium Mineral Insulated : SS316
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	¾" ET (½" BSP on Request)

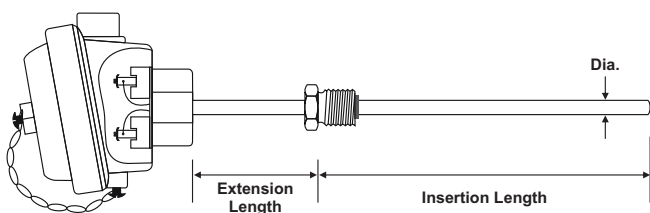
Without Process Connection



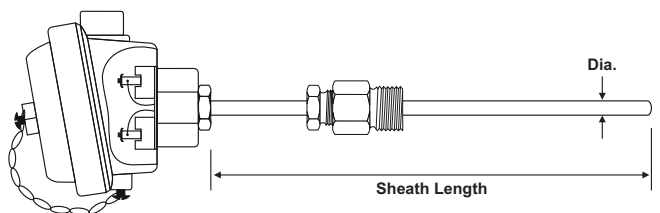
With Fixed Fitting



With Free (Rotating) Fitting

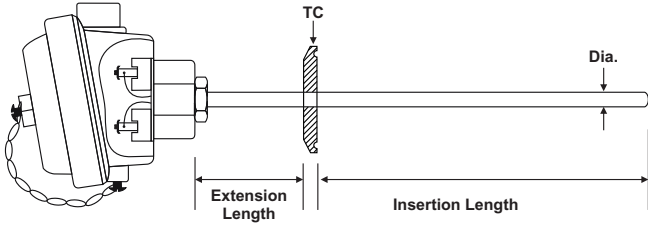


With Adjustable Fitting

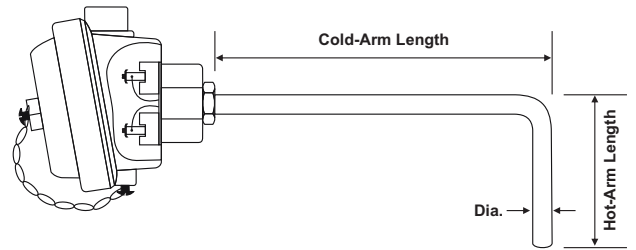


Protection Head RTDs

With Triclover Flange



Angular Assembly



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)

📍 101, Diamond Industrial Estate, Navghar, Vasai Road (E), Dist. Palghar - 401210, Maharashtra, India
 📞 Sales : 8208199048 / 8208141446 Support : 07498799226 / 08767395333
 ✉ sales@ppiindia.net 🖱 www.ppiindia.net