

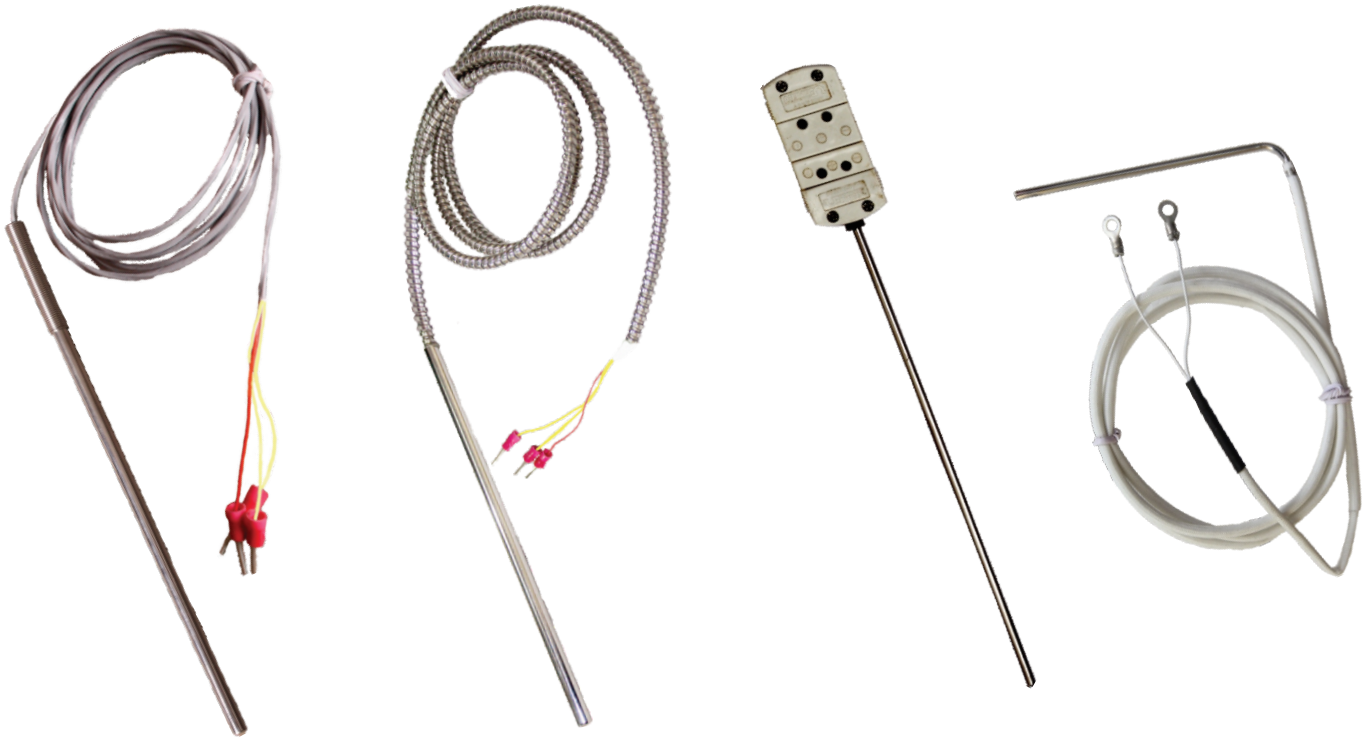
Transition Joint RTDs

TJR - 751 Series

Cable & Connector Type Terminations
Rigid / Mineral Insulated (MI) Sheath
Simplex / Duplex / Multipoint Assembly
Class-A / Class-B Accuracy
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.
- Variety of Cable Types : PVC/PVC, PTFE/PTFE, PTFE/PTFE / SS Braiding, FG/FG/SS Braiding, etc.
- 2 / 3 / 4 - Wire Configurations
- Simplex / Duplex / Multipoint Assembly
- Class-A / Class-B Accuracy
- Rigid & Mineral Insulated (MI) Protection Sheath
- 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.

Applications

- Industrial Process Monitoring
- HVAC Systems
- Power Generation
- Aerospace and Defence
- Automotive Manufacturing
- Food and Beverage Industry
- Pharmaceutical Industry
- Research and Development
- Environmental Monitoring
- Medical Equipment
- And More...

Transition Joint RTDs

Specifications

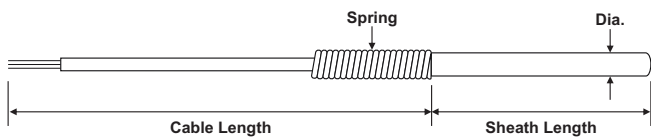
Element

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

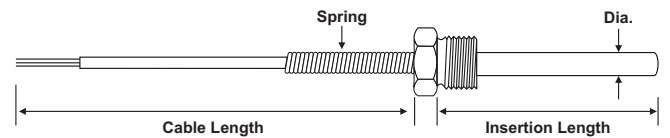
Construction

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
Termination	Integral Cable / Quick Disconnect (M/F) Connector
Cable Types	PVC/PVC, PTFE/PTFE, PTFE/PTFE / SS Braiding, FG/FG/SS Braiding, etc.
Cable Length	As Specified

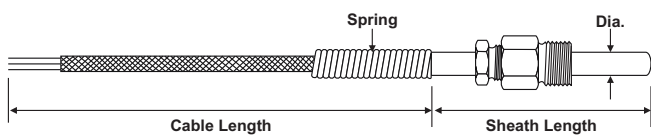
Without Process Connection



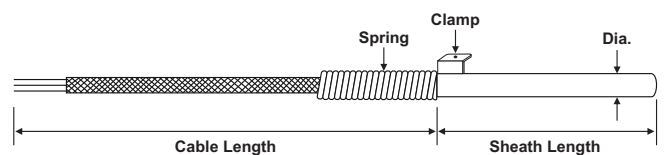
With Fixed Fitting



With Adjustable Fitting

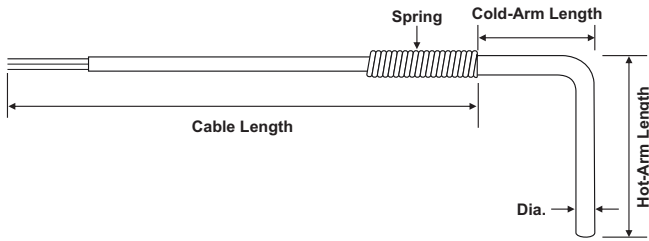


With L-Shaped SS Clamp

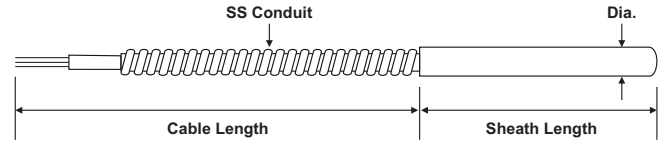


Transition Joint RTDs

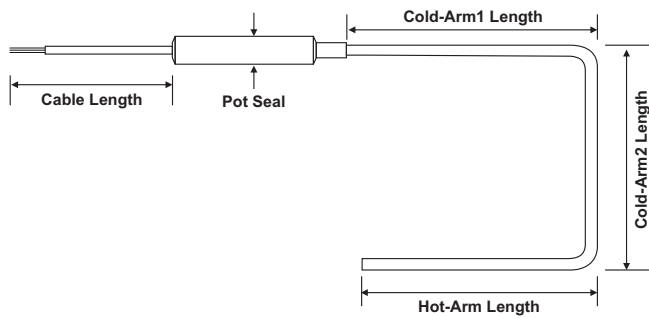
Angular Assembly



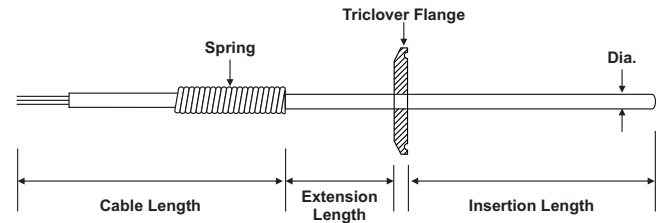
With SS Conduit



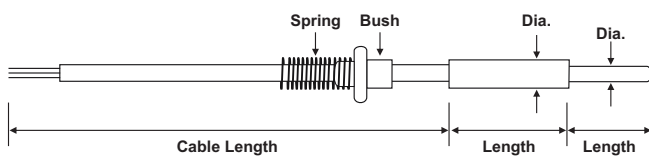
"U" Type Assembly



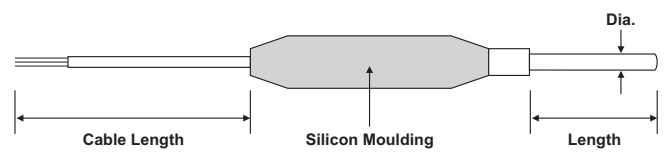
With Triclover Flange



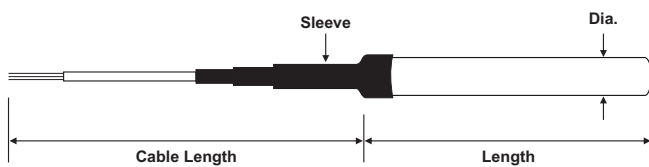
For Blister Packaging Machine



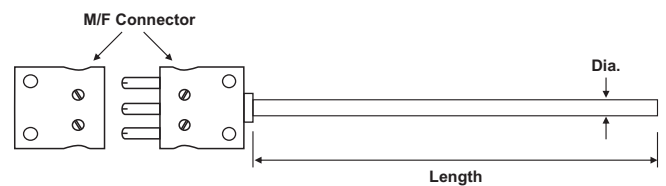
For Horizontal Autoclave / Steam Sterilizer



For Vertical Autoclave / Steam Sterilizer

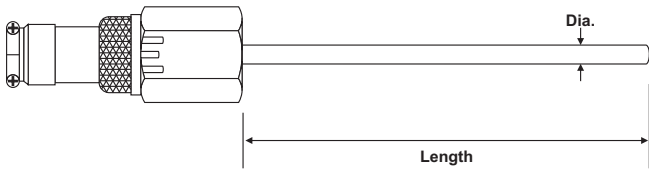


Quick Disconnect Assembly

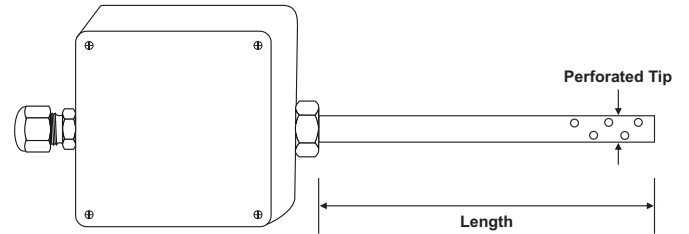


Transition Joint RTDs

Quick Disconnect Assembly with SS Hex Head



Sensor for Air / Gas / Duct



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