

PRODUCT INFO SHEET

Nanmac Corporation

Quality • Performance • Solutions

Flow-Thru Thermocouples & RTDs Simple Installation Into Any Pipeline

D1 Info

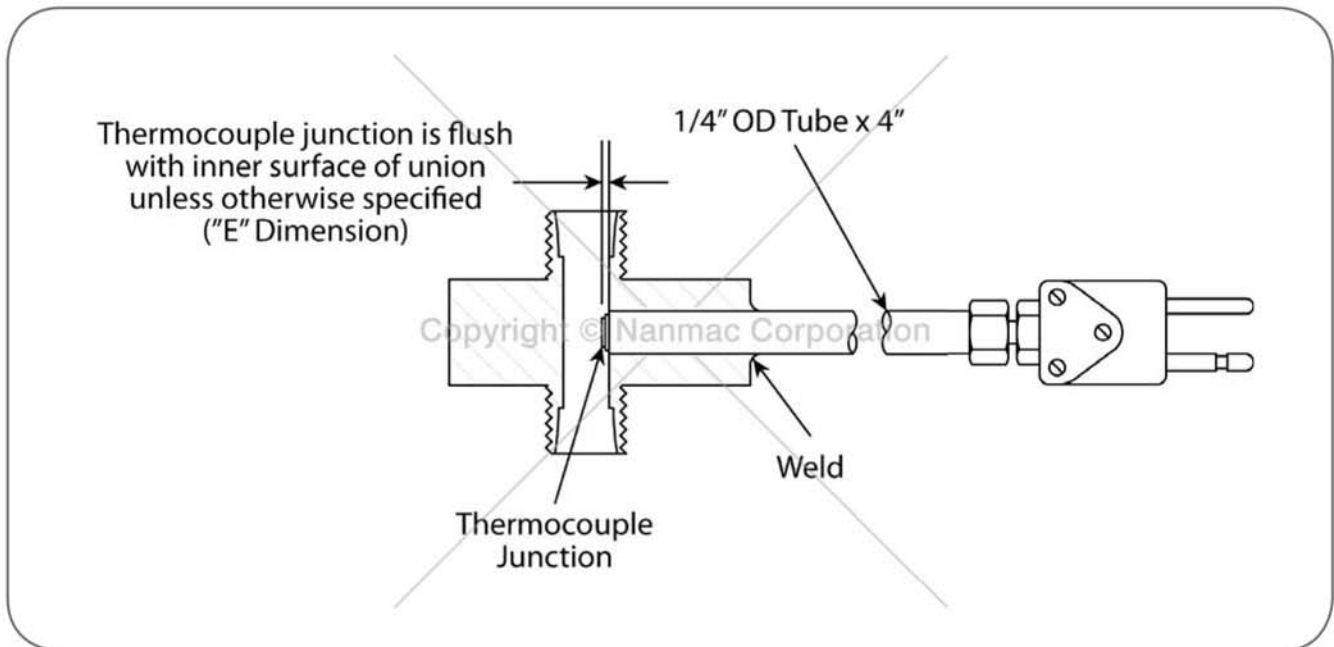
Flow-Thru temperature sensors use either the Nanmac Right-Angle Ribbon Thermocouple or a Pt100 ohm RTD. The Right-Angle Ribbon Thermocouple utilizes a special ribbon element which eliminates conduction error due to shallow immersion in the flowing gas or liquid within the pipeline.

NOTES:

- Thermocouple junction has no conduction errors
- Junction can be located flush with inner wall surface or protruded into the flowing media
- 20 milliseconds response time to temperature changes
- Pressure range to 4,000 psi
- Temperature range from -320 to 1,250 degrees Fahrenheit
- All stainless steel fittings with other materials available
- Sizes from 1/4 to two inches are available

Applications:

- Chemical Processing
- Heat Exchangers
- Oil, Fuel, Gas, Water / Steam
- Hydraulic or Pneumatic Systems
- Foams and Pastes
- Cryogenic Materials
- Heat Transfer and Superheaters
- Plastics
- Any tube or pipeline where accurate temperature measurement is required



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