

9 POINT MULTIPOINT THERMOCOUPLE DESIGN C317

SPECIFICATIONS

- Sheath diameter: 0.500" +/- 0.005"
- Wall thickness: 0.070" minimum
- Wire diameter: 20AWG
- Insulation resistance 1,000 MΩ at 500VDC
- Compacted MgO ceramic insulation - high purity 99.4% minimum
- Purity as per ASTM E-1652 Table 2
- Ungrounded, uncommon junction
- Locations may be marked with either electro etch, or weld bead
- All junctions may be located on one side of the sheath
- Protection sheath and thermocouple wires are fully solution annealed after reduction operation
- Sheath is polished for maximum corrosion resistance

SHEATH ALLOYS

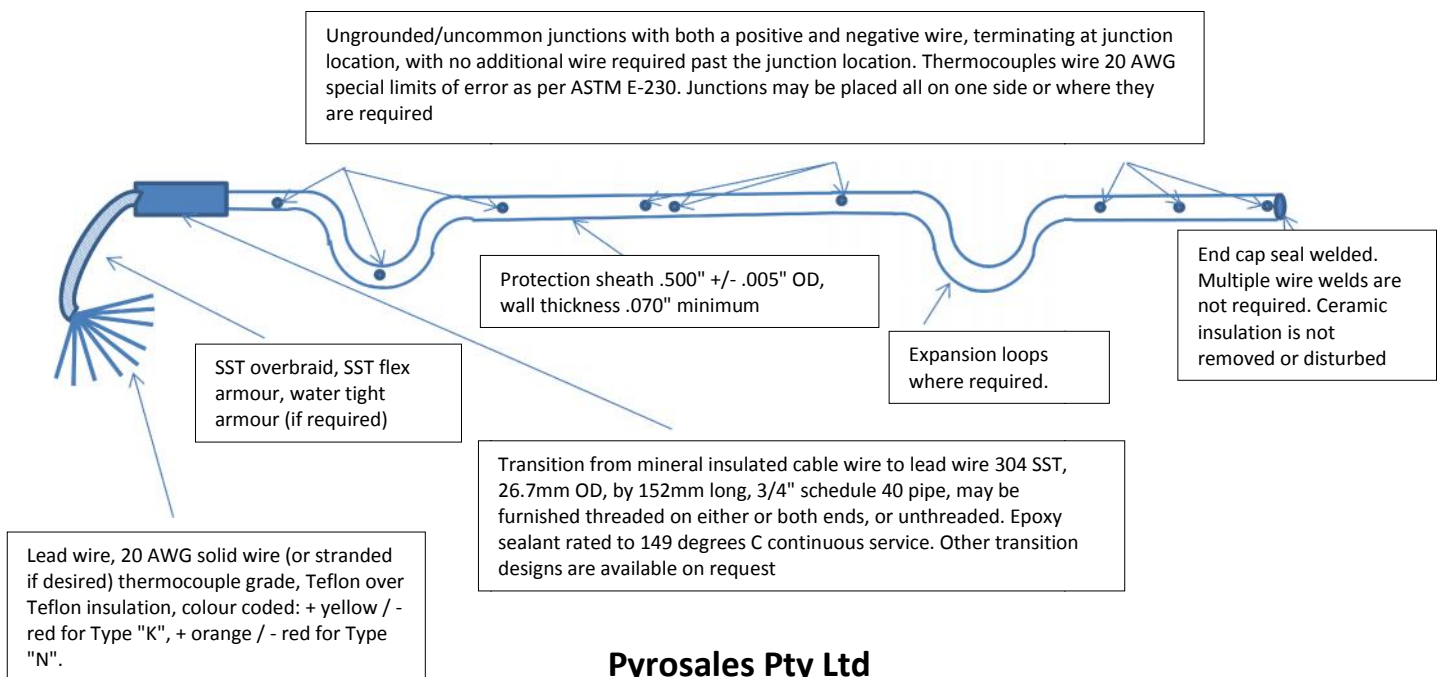
- 'Inconel' Alloy 600, 'Hastelloy' Alloy X, or C276
- Stainless steels 304/304L, 316, 316L, 321, 347
- Other alloys are available upon request

CERTIFICATES

- Sheath is pressure rated to 690 bar (10,000 psi)
- Material certificates for sheath, MgO, wire
- Actual MI cable calibration results at three temperatures, not just the bare wire alone
- Certificate of conformance
- 'PMI' - Positive material certificate of conformance
- 'PMI' - Positive material identification with sticker placed on sheath
- First piece testing
- Each lead wire is identified to point location

ALSO AVAILABLE

- Individual junction calibration to ASTM E-220
- On site bending tool for making expansion loops or for making each junction fall exactly on required location
- Heavy wall weld tubes may be pre installed and welded to sheath
- X-ray
- Pressure testing
- Leak testing of sheath
- Dye penetrant test of sheath
- Pre-installation of flanges or fittings



Pyrosales Pty Ltd

A.B.N. 32 001 378 070

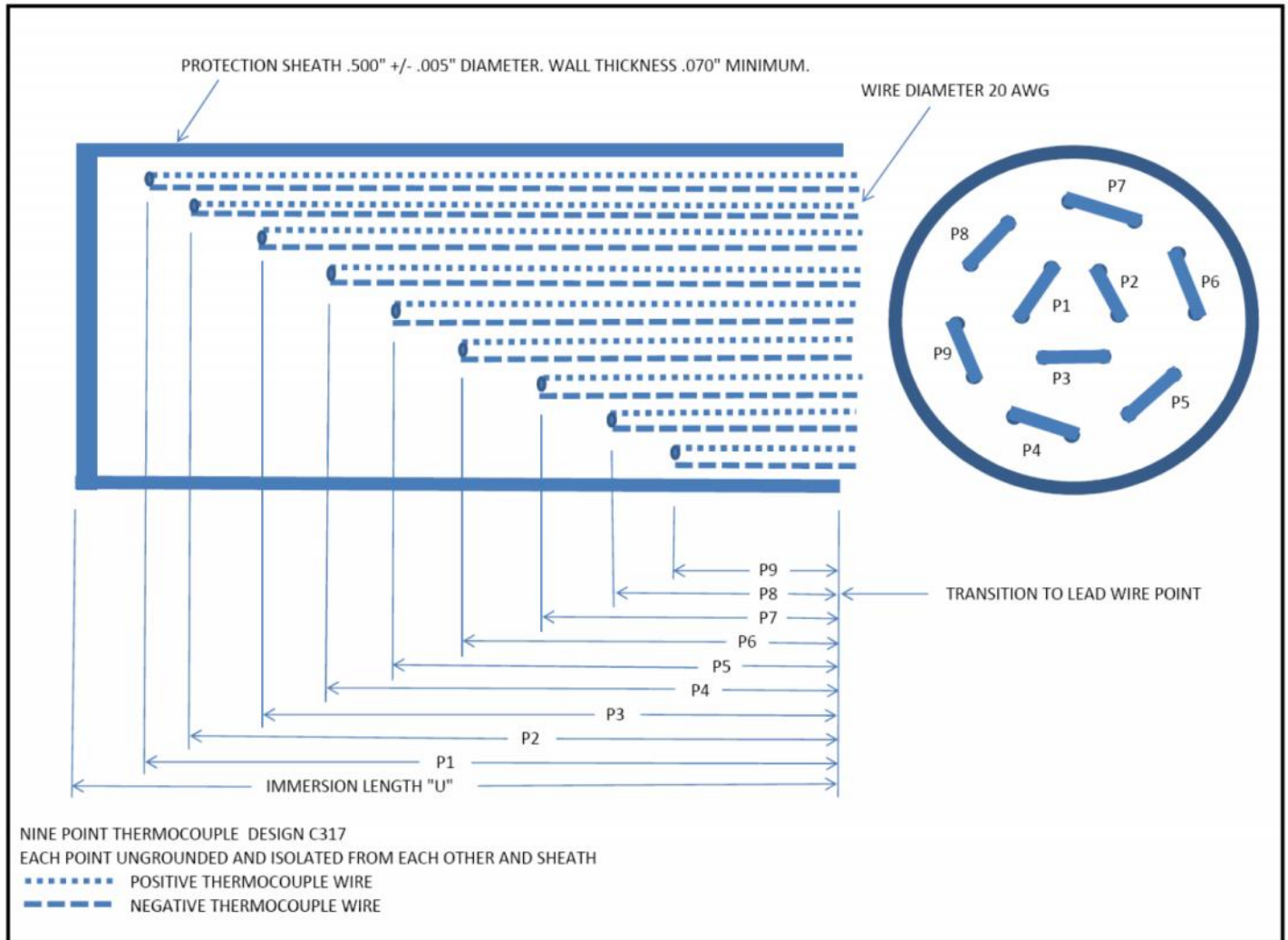
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THE C317 MULTIPOINT THERMOCOUPLE



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