

Quick Disconnect Thermocouples with Miniature Connectors

- ✓ 310, 316, 321SS, Inconel—or Super OMEGA CLAD® XL Sheath for Long Life and High Temperatures
- ✓ Colour-Coded SMP Connector
- ✓ Fine Diameters of 0.25 mm to 0.75 mm Available
- ✓ Custom Lengths Available
- ✓ Glass Filled Nylon Connector, Body Rated to 220°C
- ✓ High-Temperature Connectors Available
- ✓ Probes Individually Pressure & Insulation Tested



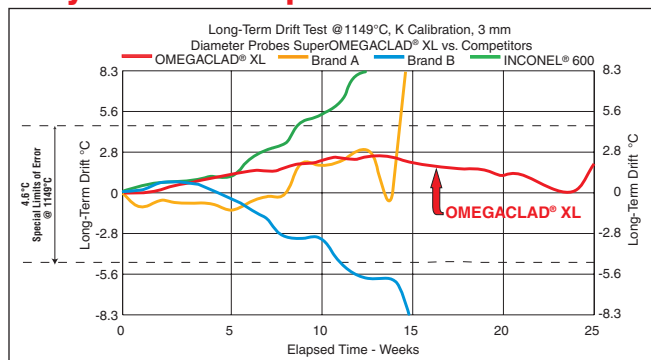
From

Shown smaller than actual size.

Mating Connector with Write-On Window and cable clamp included with every probe.

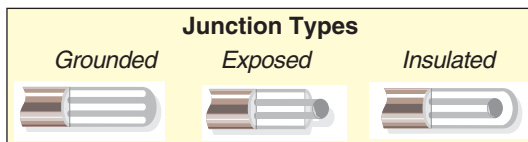
MEETS OR EXCEEDS SPECIAL LIMITS OF ERROR (SLE) AND EN 60584-2: Tolerance Class 1

Why choose Super OMEGA CLAD®?



Super OMEGA CLAD® XL's low-drift characteristic ensures reliability of temperature readings longer than any other brand or sheath material. Within 15 weeks, Brands A, B, and C exhibited more than 8.3°C drift. At 25 weeks, OMEGA CLAD® XL's drift was less than 2.8°C.†

For high temperatures and consistent accuracy over the life of the probe, choose Super OMEGA CLAD® XL sheathing. These probes are built using Class 1 Tolerance materials, which means for a temperature range from 0 to 1250°C, Type K and N Super OMEGA CLAD XL probes will hold their accuracy within ±1.1°C or 0.4% (whichever is greater). Class 2 Tolerance probes only guarantee ±2.2°C or 0.75% (whichever is greater) over their lifetime.



Mini Quick Disconnect Probes SuperOMEGA CLAD® XL

| To Order (Specify Model Number) | | | ALL MODELS AVAILABLE FOR FAST DELIVERY! | | | | |
|---------------------------------|----------------|---------------------------|---|--|---------------------------|--|--|
| Alloy/IEC Colour Code | Sheath Dia. mm | Model No. 150 mm Length** | | | Model No. 300 mm Length** | | |
| 310SS K | 1.00 | KMQ310SS-IM100(*)-150 | | | KMQ310SS-IM100(*)-300 | | |
| | 1.50 | KMQ310SS-IM150(*)-150 | | | KMQ310SS-IM150(*)-300 | | |
| | 3.00 | KMQ310SS-IM300(*)-150 | | | KMQ310SS-IM300(*)-300 | | |
| Inconel K | 1.00 | KMQIN-IM100(*)-150 | | | KMQIN-IM100(*)-300 | | |
| | 1.50 | KMQIN-IM150(*)-150 | | | KMQIN-IM150(*)-300 | | |
| | 3.00 | KMQIN-IM300(*)-150 | | | KMQIN-IM300(*)-300 | | |
| Super Omegaclad XL K | 1.00 | KMQXL-IM100(*)-150 | | | KMQXL-IM100(*)-300 | | |
| | 1.50 | KMQXL-IM150(*)-150 | | | KMQXL-IM150(*)-300 | | |
| | 3.00 | KMQXL-IM300(*)-150 | | | KMQXL-IM300(*)-300 | | |
| 321SS T | 1.00 | TMQ321SS-IM100(*)-150 | | | TMQ321SS-IM100(*)-300 | | |
| | 1.50 | TMQ321SS-IM150(*)-150 | | | TMQ321SS-IM150(*)-300 | | |
| | 3.00 | TMQ321SS-IM300(*)-150 | | | TMQ321SS-IM300(*)-300 | | |
| 321SS J | 1.00 | JMQ321SS-IM100(*)-150 | | | JMQ321SS-IM100(*)-300 | | |
| | 1.50 | JMQ321SS-IM150(*)-150 | | | JMQ321SS-IM150(*)-300 | | |
| | 3.00 | JMQ321SS-IM300(*)-150 | | | JMQ321SS-IM300(*)-300 | | |
| Inconel N | 1.00 | NMQIN-IM100(*)-150 | | | NMQIN-IM100(*)-300 | | |
| | 1.50 | NMQIN-IM150(*)-150 | | | NMQIN-IM150(*)-300 | | |
| | 3.00 | NMQIN-IM300(*)-150 | | | NMQIN-IM300(*)-300 | | |
| Super Omegaclad XL N | 1.00 | NMQXL-IM100(*)-150 | | | NMQXL-IM100(*)-300 | | |
| | 1.50 | NMQXL-IM150(*)-150 | | | NMQXL-IM150(*)-300 | | |
| | 3.00 | NMQXL-IM300(*)-150 | | | NMQXL-IM300(*)-300 | | |

* Specify junction type: E (exposed), G (grounded), or U (insulated). ** Other lengths and fine diameters available, consult Sales Department. **Ordering Example:** KMQ310SS-IM300G-150, subminiature quick-disconnect probe, Type K, 3 mm O.D. 310 stainless steel sheath, 150 mm length, grounded junction. † Tests conducted using insulated probes in an open-air, electric, muffle furnace versus a Type "S", traceable standard. Individual results may vary depending on customer application. Inconel® is a registered trademark of Special Metals Corporation.



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• Pressure, Strain and Force

Displacement Transducers, Dynamic Measurement Force Sensors, Instrumentation for Pressure and Strain Measurements, Load Cells, Pressure Gauges, Pressure Reference Section, Pressure Switches, Pressure Transducers, Proximity Transducers, Regulators, Strain Gages, Torque Transducers, Valves

• Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters