

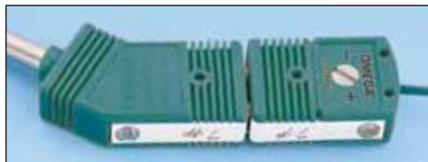
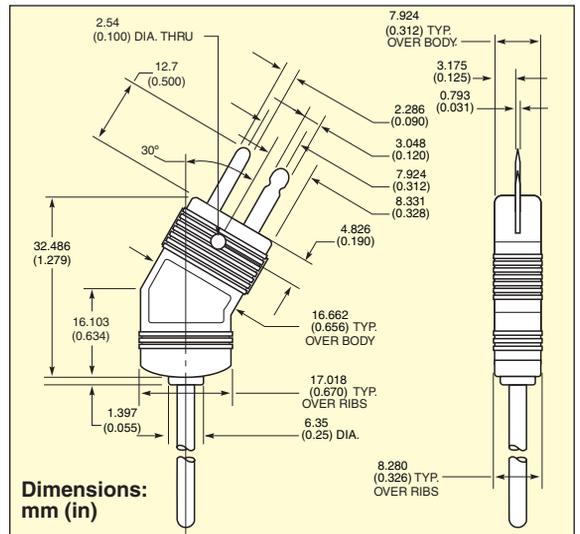
Low-Noise Thermocouple Probes With High-Temperature **Miniature** Connectors



- ✓ Connector Body Temperature Ratings: 260°C Continuous and 315°C Intermittent
- ✓ Environmentally Friendly Cadmium-Free Liquid Crystal Polymer Material
- ✓ Mating Connector, Cable Clamp, Write-On Windows and Ground Strap Included
- ✓ Ground Strap Connection Protects Against Electrical Noise
- ✓ Ground Strap Provides Additional Mechanical Rigidity
- ✓ Write-On Area for Easy Identification on Female Connector
- ✓ Compatible with Standard-Style Probes and Connectors



The OMEGA® low-noise thermocouple probes and connectors maintain an electrical connection from the sheath of the probe, through the connectors, all the way to the user's instrumentation. This system ensures highly accurate measurements by protecting against electrical noise. The external strap maintains the electrical connection of the ground wire and strengthens the link between the 2 connectors. The female connector features a handy write-on area, for easy identification.



For applications not requiring the external ground strap, additional plastic write-on windows are included with each probe and connector.



Each connector pair includes a protective ground strap. Extra straps (package of 10), GS-GMP-10, £1.85.



Twisted and shielded wire is suggested for use with the low-noise thermocouple probes. See omega.co.uk.

Replacement Write-On Windows Sold in Packages of 5

| Model No. | Description | Price |
|-----------|---------------------------|-------|
| WCP-S | Female connector face | £0.65 |
| WCP-GMQ | Miniature-size probe side | 0.65 |
| WCP-GMP | GMP connector side | 0.65 |

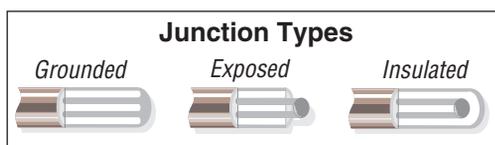
**Low-Noise
Miniature Thermocouple
Connectors Available.
Contact Sales.**

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

**SUPER
OMEGA CLAD[®] XL
THERMOCOUPLE WIRE**
MAXIMUM PERFORMANCE SHEATHING
ELIMINATES HIGH TEMPERATURE DRIFT



The foolproof connector! Interior and side screws have combination heads, so you can use either a flathead or Phillips screwdriver. And it's captive, so it won't fall out.



HGJMQSS-IM300G-150, £20, shown actual size.

The 30 degree probe is a patented design of OMEGA Engineering, Inc. U.S. and International patents and patents pending.

**Mating Connector,
Cable Clamp, Write-On
Windows Ground Strap and
Locking Clip Included!**

SUPER OMEGA CLAD[®] XL PROBES HIGHLIGHTED

150 and 300 mm Lengths[†]

| To Order (Specify Model Number) | | | | | | | | |
|--|------------------|-------------------------|--------|--------|-------------------------|--------|--------|--------------------|
| Thermocouple Alloy | Sheath Dia. (mm) | Model No. 150 mm Length | Price | | Model No. 300 mm Length | Price | | Price/Add'l 150 mm |
| | | | G*/E | U* | | G*/E* | U* | |
| CHROME [®] GA [®] -ALOMEGA [®] SS Sheath | 1.0 | HGKMQSS-IM100(*)-150 | £22.75 | £24.00 | HGKMQSS-IM100(*)-300 | £23.25 | £24.50 | £0.45 |
| | 1.5 | HGKMQSS-IM150(*)-150 | 20.00 | 21.50 | HGKMQSS-IM150(*)-300 | 20.75 | 22.00 | 0.55 |
| | 3.0 | HGKMQSS-IM300(*)-150 | 20.00 | 21.50 | HGKMQSS-IM300(*)-300 | 20.75 | 22.00 | 0.65 |
| CHROME [®] GA [®] -ALOMEGA [®] Super OMEGA CLAD [®] XL | 1.0 | HGKMKXL-IM100(*)-150 | 24.75 | 26.00 | HGKMKXL-IM100(*)-300 | 25.25 | 26.50 | 0.50 |
| | 1.5 | HGKMKXL-IM150(*)-150 | 22.00 | 23.50 | HGKMKXL-IM150(*)-300 | 22.75 | 24.00 | 0.75 |
| | 3.0 | HGKMKXL-IM300(*)-150 | 22.00 | 23.50 | HGKMKXL-IM300(*)-300 | 22.75 | 24.00 | 1.00 |
| COPPER-CONSTANTAN SS Sheath | 1.0 | HGTMQSS-IM100(*)-150 | 22.75 | 22.00 | HGTMQSS-IM100(*)-300 | 23.25 | 24.50 | 0.45 |
| | 1.5 | HGTMQSS-IM150(*)-150 | 20.00 | 21.50 | HGTMQSS-IM150(*)-300 | 20.75 | 22.00 | 0.55 |
| | 3.0 | HGTMQSS-IM300(*)-150 | 20.00 | 21.50 | HGTMQSS-IM300(*)-300 | 20.75 | 22.00 | 0.65 |
| IRON-CONSTANTAN SS Sheath | 1.0 | HGJMQSS-IM100(*)-150 | 22.75 | 24.00 | HGJMQSS-IM100(*)-300 | 23.25 | 24.50 | 0.45 |
| | 1.5 | HGJMQSS-IM150(*)-150 | 20.00 | 21.50 | HGJMQSS-IM150(*)-300 | 20.75 | 22.00 | 0.55 |
| | 3.0 | HGJMQSS-IM300(*)-150 | 20.00 | 21.50 | HGJMQSS-IM300(*)-300 | 20.75 | 22.00 | 0.65 |
| OMEGA-P [®] -OMEGA-N [®] Super OMEGA CLAD [®] XL | 1.0 | HGNMQXL-IM100(*)-150 | 24.75 | 26.00 | HGNMQXL-IM100(*)-300 | 25.25 | 26.50 | 0.50 |
| | 1.5 | HGNMQXL-IM150(*)-150 | 22.00 | 23.50 | HGNMQXL-IM150(*)-300 | 22.75 | 24.00 | 0.75 |
| | 3.0 | HGNMQXL-IM300(*)-150 | 22.00 | 23.50 | HGNMQXL-IM300(*)-300 | 22.75 | 24.00 | 1.00 |

* Specify junction type: E (Exposed), G (Grounded) or U (Insulated). Extra ground straps, GS-GMQ-10, £1.85/pkg of 10.

† Other lengths available; consult Sales Department.

To order Inconel[®] sheath, change "-SS" in model number to "-IN", no additional charge.

Ordering Examples: HGKMQSS-IM300G-150, subminiature quick-disconnect probe, Type K, stainless steel sheath, 3 mm OD, 150 mm long, grounded junction, £20. HGKMQSS-IM150G-150, subminiature quick-disconnect probe, Type K, stainless steel sheath, 1.5 mm OD, 150 mm long, grounded junction, £20.



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