

Low Noise Thermocouple Probes with High Temperature **Miniature** Connectors



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

Standard
write-on
connector
window

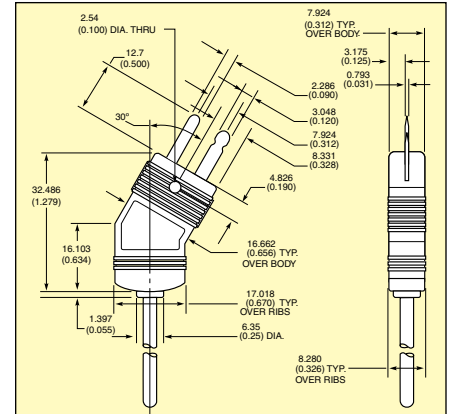
Probes shown
close to actual size.

**ANSI
color
code
shown**

- ✓ **Connector Body**
Temperature Ratings:
260°C (500°F) Continuous
and 315°C (600°F) Intermittent
- ✓ **Environmentally Friendly**
Cadmium-Free Liquid
Crystal Polymer Material
- ✓ **Mating Connector, Cable**
Clamp, Write-On Windows
and Ground Strap Included!
- ✓ **Ground Strap Connection**
Provides Protection
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
- ✓ **Cal 5 Available**

The low noise thermocouple probes and connectors maintain an electrical connection from the sheath of the probe, through the connectors, all the way to your instrumentation. This system assures high accuracy measurements, providing protection against electrical noise. The external strap maintains the electrical connection of the ground wire, and also strengthens the mechanical connection between the two connectors. The female connector features a handy write-on area, for easy identification.



**Extra Replacement Write-On
Windows—Sold in Pkg. of 5**

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

150 mm (6") and 300 mm (12") Lengths†

To Order visit newportUS.com/HGM_JKET for Pricing and Details

Thermocouple Alloy	Sheath Dia. mm (inch)	Model No. 150 mm (6") Length	Model No. 300 mm (12") Length
IRON-CONSTANTAN 304 SS Sheath J	1.0 (0.040)	HGJMQSS-040(*)-6	HGJMQSS-040(*)-12
	1.5 (0.062)	HGJMQSS-062(*)-6	HGJMQSS-062(*)-12
	3.0 (0.125)	HGJMQSS-125(*)-6	HGJMQSS-125(*)-12
CHROMEGA-ALOMEGA® 304 SS Sheath K	1.0 (0.040)	HGKMQSS-040(*)-6	HGKMQSS-040(*)-12
	1.5 (0.062)	HGKMQSS-062(*)-6	HGKMQSS-062(*)-12
	3.0 (0.125)	HGKMQSS-125(*)-6	HGKMQSS-125(*)-12
CHROMEGA-CONSTANTAN® 304 SS Sheath E	1.0 (0.040)	HGEMQSS-040(*)-6	HGEMQSS-040(*)-12
	1.5 (0.062)	HGEMQSS-062(*)-6	HGEMQSS-062(*)-12
	3.0 (0.125)	HGEMQSS-125(*)-6	HGEMQSS-125(*)-12
COPPER-CONSTANTAN 304 SS Sheath T	1.0 (0.040)	HGTMQSS-040(*)-6	HGTMQSS-040(*)-12
	1.5 (0.062)	HGTMQSS-062(*)-6	HGTMQSS-062(*)-12
	3.0 (0.125)	HGTMQSS-125(*)-6	HGTMQSS-125(*)-12

* Specify junction type: "E" (Exposed), "G" (Grounded), or "U" (Ungrounded). Extra ground straps, **GS-GMQ-10**, for additional cost.

† Other Lengths available, consult Sales Department

To Order Inconel Sheath, change "SS" in model number to "IN", no additional charge. **Example: HGKMQIN-040(*)-6**

To Order with 321 SS Sheath, change "SS" in model number to "321SS". No additional charge. **Example: HGKMQ321SS-040(*)-6**

Ordering Example: HGKMQSS-125G-6, subminiature quick disconnect probe Type K, stainless steel sheath, 3 mm (0.125") OD, 150 mm (6") long, grounded junction.

Ordering Example: HGKMQSS-062G-6, subminiature quick disconnect probe Type K, stainless steel sheath, 1.5 mm (0.062") OD, 150 mm (6") long, grounded junction.