

Low Noise Thermocouple Probes

With Standard Size Connectors

Metric and Standard Dimensions

Each probe includes protective ground strap, and locking clip. Extra straps, Model GS-GST-10.

For twisted shielded wire visit newportUS.com

ANSI color code shown

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

- ✓ Connector Body Rated to 220°C (425°F)
- ✓ Ground Strap Connection Provides Protection Against Electrical Noise
- ✓ Ground Strap Provides Add'l Mechanical Rigidity
- ✓ Write-On Area for Easy Identification
- ✓ Compatible with Standard Style Probes and Connectors
- ✓ Mating Connector, Cable Clamp, Write-On Windows Ground Strap, and Locking Clip Included!
- ✓ 304, 310, 316, 321 SS, Inconel or Super OMEGACLAD® XL Sheath Available
- ✓ Cal-5 Available

The write-on connector is a U.S. patented design

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

Model No.	Description
WCP-L	GST connector face
WCP-GST	Connector/probe side

Discount Schedule

1-10 Units	Net
11-24 Units	10%
25-49 Units	20%
50 and Up	Consult Sales

Probes shown actual size.



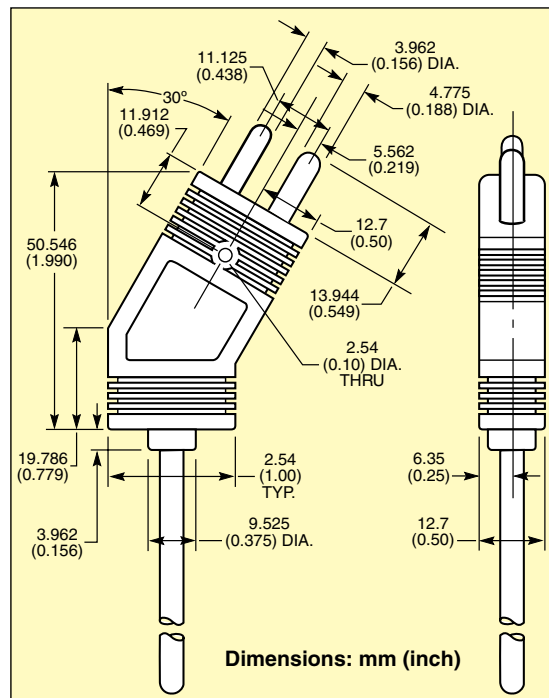
Mating connector, clamps and locking clip provided free with all low noise probes.

For applications not requiring the external ground strap, plastic write-on windows are included with each probe and connector to provide additional write-on areas. Note: Windows cannot be used concurrently with ground straps.

Also available in 310 SS, 316 SS or 321 SS sheaths. To order replace the "SS" in Model no. with "310SS", "316SS" or "321SS" respectively, no additional charge.
Ordering Example: GKQ321SS-14G-18, low noise quick disconnect probe, Type K, 321SS sheath, 1/4" O.D., grounded junction, 18" length.

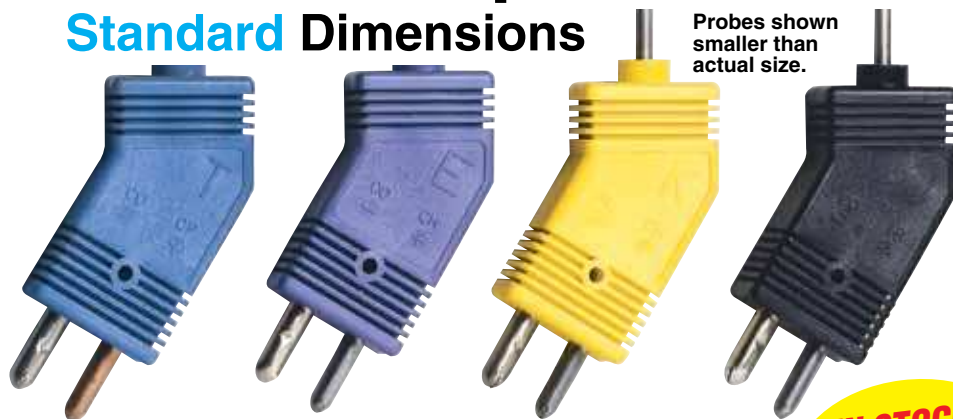
To order low-noise standard thermocouple probes with higher temperature, environmentally-friendly liquid crystal polymer connector, add an "H" to the beginning of the model number for additional cost.

Ordering Example: GKQSS-316G-12, low noise quick disconnect probe, Type K, 304SS sheath, 3/16" O.D., grounded junction, 12" length.



Low Noise Standard Size Thermocouple Probes

Standard Dimensions



Probes shown smaller than actual size.

Available as
SUPER
OMEGA-CLAD™ XL
THERMOCOUPLE PROBES

ANSI
color
code
shown

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

OMEGA-CLAD™
Factory CAL
AVAILABLE
MADE IN
USA

Extra Replacement Write-On Windows

Model No.	Description
WCP-L	GST connector face
WCP-GST	Connector/probe side

Each probe includes a protective ground strap, locking clip and female connector. Extra straps, Model GS-GST-10.

IN STOCK!
Probes with 304 SS
and Inconel Sheaths
are stocked for
FAST Delivery!

Standard Dimensions - Quick Disconnect Probes with Standard Size Connectors

To Order Visit newportUS.com/G_JKET for Pricing and Details

Alloy/ANSI Color Code	Sheath Dia. (inch)	Model No. 12" Length	Model No. 18" Length	Model No. 24" Length
IRON-CONSTANTAN Inconel Sheath J	1/16	GJQIN-116(*)-12	GJQIN-116(*)-18	GJQIN-116(*)-24
	1/8	GJQIN-18(*)-12	GJQIN-18(*)-18	GJQIN-18(*)-24
	3/16	GJQIN-316(*)-12	GJQIN-316(*)-18	GJQIN-316(*)-24
	1/4	GJQIN-14(*)-12	GJQIN-14(*)-18	GJQIN-14(*)-24
IRON-CONSTANTAN 304 SS Sheath J	1/16	GJQSS-116(*)-12	GJQSS-116(*)-18	GJQSS-116(*)-24
	1/8	GJQSS-18(*)-12	GJQSS-18(*)-18	GJQSS-18(*)-24
	3/16	GJQSS-316(*)-12	GJQSS-316(*)-18	GJQSS-316(*)-24
	1/4	GJQSS-14(*)-12	GJQSS-14(*)-18	GJQSS-14(*)-24
CHROMEGA®-ALOMEGA® Inconel Sheath K	1/16	GKQIN-116(*)-12	GKQIN-116(*)-18	GKQIN-116(*)-24
	1/8	GKQIN-18(*)-12	GKQIN-18(*)-18	GKQIN-18(*)-24
	3/16	GKQIN-316(*)-12	GKQIN-316(*)-18	GKQIN-316(*)-24
	1/4	GKQIN-14(*)-12	GKQIN-14(*)-18	GKQIN-14(*)-24
CHROMEGA®-ALOMEGA® 304 SS Sheath K	1/16	GKQSS-116(*)-12	GKQSS-116(*)-18	GKQSS-116(*)-24
	1/8	GKQSS-18(*)-12	GKQSS-18(*)-18	GKQSS-18(*)-24
	3/16	GKQSS-316(*)-12	GKQSS-316(*)-18	GKQSS-316(*)-24
	1/4	GKQSS-14(*)-12	GKQSS-14(*)-18	GKQSS-14(*)-24
CHROMEGA®-CONSTANTAN Inconel Sheath E	1/16	GEQIN-116(*)-12	GEQIN-116(*)-18	GEQIN-116(*)-24
	1/8	GEQIN-18(*)-12	GEQIN-18(*)-18	GEQIN-18(*)-24
	3/16	GEQIN-316(*)-12	GEQIN-316(*)-18	GEQIN-316(*)-24
	1/4	GEQIN-14(*)-12	GEQIN-14(*)-18	GEQIN-14(*)-24
CHROMEGA®-CONSTANTAN 304 SS Sheath E	1/16	GEQSS-116(*)-12	GEQSS-116(*)-18	GEQSS-116(*)-24
	1/8	GEQSS-18(*)-12	GEQSS-18(*)-18	GEQSS-18(*)-24
	3/16	GEQSS-316(*)-12	GEQSS-316(*)-18	GEQSS-316(*)-24
	1/4	GEQSS-14(*)-12	GEQSS-14(*)-18	GEQSS-14(*)-24
COPPER-CONSTANTAN Inconel Sheath T	1/16	GTQIN-116(*)-12	GTQIN-116(*)-18	GTQIN-116(*)-24
	1/8	GTQIN-18(*)-12	GTQIN-18(*)-18	GTQIN-18(*)-24
	3/16	GTQIN-316(*)-12	GTQIN-316(*)-18	GTQIN-316(*)-24
	1/4	GTQIN-14(*)-12	GTQIN-14(*)-18	GTQIN-14(*)-24
COPPER-CONSTANTAN 304 SS Sheath T	1/16	GTQSS-116(*)-12	GTQSS-116(*)-18	GTQSS-116(*)-24
	1/8	GTQSS-18(*)-12	GTQSS-18(*)-18	GTQSS-18(*)-24
	3/16	GTQSS-316(*)-12	GTQSS-316(*)-18	GTQSS-316(*)-24
	1/4	GTQSS-14(*)-12	GTQSS-14(*)-18	GTQSS-14(*)-24

* Specify junction type: "G" (Grounded), "E" (Exposed), or "U" (Ungrounded).

Comes with mating connector, cable clamp, ground strap and locking clip. Extra ground straps, GS-GST-10, for additional charge.

† Other lengths available, consult Sales Department. To Order other Sheaths, change "SS" in model number to "IN" for Inconel, no additional charge; "310SS" for 310 SS, no additional charge or "XL" for Super OMEGA-CLAD®, for additional cost to price of 12", 18" and 24" probes.

Ordering Example: GKQSS-116U-12, quick disconnect probe, Type K, 304SS sheath, 1/16" O.D., ungrounded junction, 12" length.

Low Noise Standard Size Thermocouple Probes

Metric Dimensions

Available as
SUPER
OMEGACLAD™ XL
THERMOCOUPLE PROBES

ANSI
color
code
shown

OMEGACLAD
Factory CAL
AVAILABLE

MADE IN
USA

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

Shown
actual size.

IN STOCK!
Probes with 304 SS
and Inconel Sheaths
are stocked for
FAST Delivery!

Each probe includes a protective ground
strap, mating connector and locking clip.
Extra straps, Model GS-GST-10.

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

Most Popular **Metric**
Size Probes: 300, 450
and 600 mm Lengths†

For **Standard** Size Probes,
See Previous Page

Shown smaller
than actual size.

Metric Models - Quick Disconnect Probes with Standard Size Connectors

To Order Visit newportUS.com/G_JKET for Pricing and Details

Alloy/ANSI Color Code	Sheath Dia. mm	Model No. 300 mm Length	Model No. 450 mm Length	Model No. 600 mm Length
IRON- CONSTANTAN Inconel Sheath J	1.5	GJQIN-M15(*)-300	GJQIN-M15(*)-450	GJQIN-M15(*)-600
	3.0	GJQIN-M30(*)-300	GJQIN-M30(*)-450	GJQIN-M30(*)-600
	4.5	GJQIN-M45(*)-300	GJQIN-M45(*)-450	GJQIN-M45(*)-600
	6.0	GJQIN-M60(*)-300	GJQIN-M60(*)-450	GJQIN-M60(*)-600
IRON- CONSTANTAN 304 SS Sheath J	1.5	GJQSS-M15(*)-300	GJQSS-M15(*)-450	GJQSS-M15(*)-600
	3.0	GJQSS-M30(*)-300	GJQSS-M30(*)-450	GJQSS-M30(*)-600
	4.5	GJQSS-M45(*)-300	GJQSS-M45(*)-450	GJQSS-M45(*)-600
	6.0	GJQSS-M60(*)-300	GJQSS-M60(*)-450	GJQSS-M60(*)-600
CHROMEGA®- ALOMEGA® Inconel Sheath K	1.5	GKQIN-M15(*)-300	GKQIN-M15(*)-450	GKQIN-M15(*)-600
	3.0	GKQIN-M30(*)-300	GKQIN-M30(*)-450	GKQIN-M30(*)-600
	4.5	GKQIN-M45(*)-300	GKQIN-M45(*)-450	GKQIN-M45(*)-600
	6.0	GKQIN-M60(*)-300	GKQIN-M60(*)-450	GKQIN-M60(*)-600
CHROMEGA®- ALOMEGA® 304 SS Sheath K	1.5	GKQSS-M15(*)-300	GKQSS-M15(*)-450	GKQSS-M15(*)-600
	3.0	GKQSS-M30(*)-300	GKQSS-M30(*)-450	GKQSS-M30(*)-600
	4.5	GKQSS-M45(*)-300	GKQSS-M45(*)-450	GKQSS-M45(*)-600
	6.0	GKQSS-M60(*)-300	GKQSS-M60(*)-450	GKQSS-M60(*)-600
CHROMEGA®- CONSTANTAN Inconel Sheath E	1.5	GEQIN-M15(*)-300	GEQIN-M15(*)-450	GEQIN-M15(*)-600
	3.0	GEQIN-M30(*)-300	GEQIN-M30(*)-450	GEQIN-M30(*)-600
	4.5	GEQIN-M45(*)-300	GEQIN-M45(*)-450	GEQIN-M45(*)-600
	6.0	GEQIN-M60(*)-300	GEQIN-M60(*)-450	GEQIN-M60(*)-600
CHROMEGA®- CONSTANTAN 304 SS Sheath E	1.5	GEQSS-M15(*)-300	GEQSS-M15(*)-450	GEQSS-M15(*)-600
	3.0	GEQSS-M30(*)-300	GEQSS-M30(*)-450	GEQSS-M30(*)-600
	4.5	GEQSS-M45(*)-300	GEQSS-M45(*)-450	GEQSS-M45(*)-600
	6.0	GEQSS-M60(*)-300	GEQSS-M60(*)-450	GEQSS-M60(*)-600
COPPER- CONSTANTAN Inconel Sheath T	1.5	GTQIN-M15(*)-300	GTQIN-M15(*)-450	GTQIN-M15(*)-600
	3.0	GTQIN-M30(*)-300	GTQIN-M30(*)-450	GTQIN-M30(*)-600
	4.5	GTQIN-M45(*)-300	GTQIN-M45(*)-450	GTQIN-M45(*)-600
	6.0	GTQIN-M60(*)-300	GTQIN-M60(*)-450	GTQIN-M60(*)-600
COPPER- CONSTANTAN 304 SS Sheath T	1.5	GTQSS-M15(*)-300	GTQSS-M15(*)-450	GTQSS-M15(*)-600
	3.0	GTQSS-M30(*)-300	GTQSS-M30(*)-450	GTQSS-M30(*)-600
	4.5	GTQSS-M45(*)-300	GTQSS-M45(*)-450	GTQSS-M45(*)-600
	6.0	GTQSS-M60(*)-300	GTQSS-M60(*)-450	GTQSS-M60(*)-600

*Specify junction type: "G" (Grounded), "E" (Exposed), or "U" (Ungrounded). No additional charge for lengths from 50 to 300 mm.

Each probe supplied with mating connector, cable clamp and ground strap. Extra ground straps, GS-GST-10, for additional cost.

†Other lengths available, consult Sales Department. To Order other Sheaths, change "SS" in model number to "IN" for Inconel, no additional cost charge; "310SS" for 310 SS, no additional charge or "XL" for Super OMEGACLAD®, for additional cost to the price of 300, 450 and 600 mm probes.

Ordering Example: GKQSS-M15U-300, quick disconnect probe, Type K, 304SS sheath, 1.5 mm O.D., ungrounded junction, 300 mm length.