

Low-Noise Thermocouple Probes With Standard-Size Connectors

For twisted shielded wire please go to omega.co.uk.

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

Available!
Probes with higher temperature rating, standard-size connectors, visit omega.co.uk.



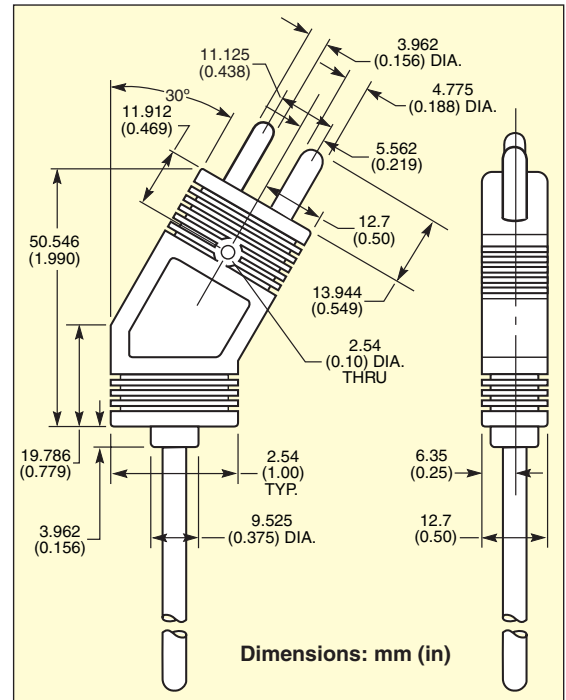
Each probe includes protective ground strap and locking clip. Extra straps (package of 10), GS-GST-10, £1.85.

MONOGRAM

The write-on connector is a U.S. patented design of OMEGA Engineering, Inc.

- Connector Body Rated to 220°C
- Ground Strap Connection Protects Against Electrical Noise
- Ground Strap Provides Additional 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
- Stainless Steel, Inconel® or Super OMEGACLAD® XL Sheath Available

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.



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

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

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

Available in stainless steel, Inconel® and Super OMEGACLAD® XL (Type K and N only) sheaths. 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 and £2 to the price. **Ordering Examples:** GKQXL-IM30G-600, low-noise quick-disconnect probe, Type K, Super OMEGACLAD® XL sheath, 3 mm OD, grounded junction, 600 mm length, £20.75. HGKQSS-IM45G-300, low-noise quick-disconnect probe, Type K, stainless steel sheath, 4.5 mm OD, grounded junction, 300 mm length, £20.75.



Probes shown actual size.

Discount Schedule

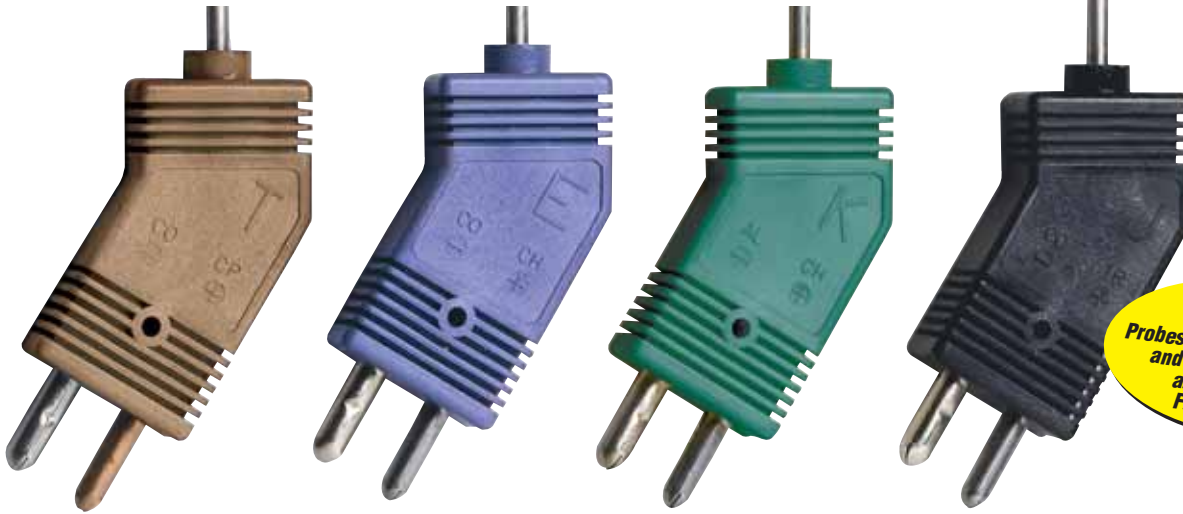
1 to 10 unitsNet
11 to 24 units5%
25 to 49 units10%
50 units and up15%

Low-Noise, Standard-Size Thermocouple Probes

Available as
SUPER
OMEGACLAD[®] XL
 THERMOCOUPLE PROBES
 MAXIMUM PERFORMANCE HEATING
 ELIMINATES HIGH TEMPERATURE DRIFT
 See omega.co.uk

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

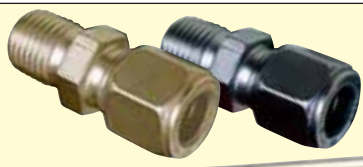
GJQSS-IM30G-300,
 £18, shown smaller
 than actual size.



STOCK!
 Probes with Stainless Steel
 and Inconel[®] Sheaths
 are Stocked for
 FAST Delivery!

Please see
omega.co.uk for
 compression
 fittings.

OMEGALOK[®]
 compression
 fittings
 start at £2.25.



GEQSS-IM60U-300,
 £22.75, shown
 smaller than
 actual size.

Quick-Disconnect Probes with
 Standard-Size Connectors

SUPER OMEGACLAD[®] XL MODELS HIGHLIGHTED!

To Order (Specify Model Number)

Alloy/IEC Colour Code	Sheath Dia. mm	Model No. 300 mm Length	Price		Model No. 450 mm Length	Price		Model No. 600 mm Length	Price		Price/Add'l 300 mm
			G*/E	U*		G*/E*	U*		G*/E*	U*	
CHROMEQA [®] - ALOMEGA [®] SS Sheath K	1.5	GKQSS-IM15(*)-300	£17.50	£20.00	GKQSS-IM15(*)-450	£18.00	£20.75	GKQSS-IM15(*)-600	£17.75	£21.25	£1.05
	3.0	GKQSS-IM30(*)-300	18.00	20.00	GKQSS-IM30(*)-450	19.25	21.25	GKQSS-IM30(*)-600	18.75	22.75	1.25
	4.5	GKQSS-IM45(*)-300	18.75	20.75	GKQSS-IM45(*)-450	19.75	21.75	GKQSS-IM45(*)-600	20.75	23.00	2.10
	6.0	GKQSS-IM60(*)-300	20.00	22.75	GKQSS-IM60(*)-450	21.75	23.75	GKQSS-IM60(*)-600	23.50	25.50	3.40
CHROMEQA [®] - ALOMEGA [®] Inconel Sheath K	1.5	GKQIN-IM15(*)-300	17.50	20.00	GKQIN-IM15(*)-450	18.00	20.75	GKQIN-IM15(*)-600	18.50	21.25	1.25
	3.0	GKQIN-IM30(*)-300	18.00	20.00	GKQIN-IM30(*)-450	19.25	21.25	GKQIN-IM30(*)-600	20.25	22.25	1.70
	4.5	GKQIN-IM45(*)-300	19.50	20.75	GKQIN-IM45(*)-450	21.00	22.25	GKQIN-IM45(*)-600	22.25	22.25	3.40
	6.0	GKQIN-IM60(*)-300	20.00	22.75	GKQIN-IM60(*)-450	22.75	25.50	GKQIN-IM60(*)-600	25.00	28.00	5.00
CHROMEQA [®] - ALOMEGA [®] Super OMEGACLAD [®] XL K	1.5	GKQXL-IM15(*)-300	19.50	22.00	GKQXL-IM15(*)-450	20.00	22.75	GKQXL-IM15(*)-600	19.75	23.25	1.50
	3.0	GKQXL-IM30(*)-300	20.00	22.00	GKQXL-IM30(*)-450	21.25	23.25	GKQXL-IM30(*)-600	20.75	24.75	2.00
	4.5	GKQXL-IM45(*)-300	20.75	22.75	GKQXL-IM45(*)-450	21.75	23.75	GKQXL-IM45(*)-600	22.75	25.00	3.50
	6.0	GKQXL-IM60(*)-300	22.00	24.75	GKQXL-IM60(*)-450	23.75	25.75	GKQXL-IM60(*)-600	25.50	27.50	6.00
COPPER- CONSTANTAN SS Sheath T	1.5	GTQSS-IM15(*)-300	17.50	20.00	GTQSS-IM15(*)-450	18.00	20.75	GTQSS-IM15(*)-600	17.75	21.25	1.05
	3.0	GTQSS-IM30(*)-300	18.00	20.00	GTQSS-IM30(*)-450	19.25	21.25	GTQSS-IM30(*)-600	19.00	21.75	1.70
	4.5	GTQSS-IM45(*)-300	18.75	20.75	GTQSS-IM45(*)-450	19.75	21.75	GTQSS-IM45(*)-600	20.75	23.00	2.10
	6.0	GTQSS-IM60(*)-300	20.00	22.75	GTQSS-IM60(*)-450	21.75	23.75	GTQSS-IM60(*)-600	23.50	25.50	3.40
IRON- CONSTANTAN SS Sheath J	1.5	GJQSS-IM15(*)-300	17.50	20.00	GJQSS-IM15(*)-450	18.00	20.75	GJQSS-IM15(*)-600	17.75	21.25	1.05
	3.0	GJQSS-IM30(*)-300	18.00	20.00	GJQSS-IM30(*)-450	19.25	21.25	GJQSS-IM30(*)-600	18.75	22.75	1.25
	4.5	GJQSS-IM45(*)-300	18.75	20.75	GJQSS-IM45(*)-450	19.75	21.75	GJQSS-IM45(*)-600	20.75	23.00	2.10
	6.0	GJQSS-IM60(*)-300	20.00	22.75	GJQSS-IM60(*)-450	21.75	23.75	GJQSS-IM60(*)-600	23.50	25.50	3.40
CHROMEQA [®] - ALOMEGA [®] Super OMEGACLAD [®] XL N	1.5	GNQXL-IM15(*)-300	19.50	22.00	GNQXL-IM15(*)-450	20.00	22.75	GNQXL-IM15(*)-600	19.75	23.25	1.50
	3.0	GNQXL-IM30(*)-300	20.00	22.00	GNQXL-IM30(*)-450	21.25	23.25	GNQXL-IM30(*)-600	20.75	24.75	2.00
	4.5	GNQXL-IM45(*)-300	20.75	22.75	GNQXL-IM45(*)-450	21.75	23.75	GNQXL-IM45(*)-600	22.75	25.00	3.50
	6.0	GNQXL-IM60(*)-300	22.00	24.75	GNQXL-IM60(*)-450	23.75	25.75	GNQXL-IM60(*)-600	25.50	27.50	6.00

* Specify junction type: **G** (Grounded), **E** (Exposed) or **U** (Insulated). No additional charge for lengths from 50 to 300 mm.
 Each probe supplied with mating connector, cable clamp and ground strap. Extra ground straps (package of 10), **GS-GST-10, £1.85.**
 † Other lengths available; consult Sales Department. To order other sheaths, change **"-SS"** in model number to **"-IN"** for Inconel[®],
 no additional charge.
Ordering Example: GKQSS-IM15U-300, quick-disconnect probe, Type K, stainless steel sheath, 1.5 mm OD, insulated junction,
 300 mm length, £20.



UNITED STATES

www.omega.com

1-800-TC-OMEGA

Stamford, CT.

CANADA

www.omega.ca

Laval(Quebec)

1-800-TC-OMEGA

GERMANY

www.omega.de

Deckenpfronn, Germany

0800-8266342

UNITED KINGDOM

www.omega.co.uk

Manchester, England

0800-488-488

FRANCE

www.omega.fr

088-466-342

CZECH REPUBLIC

www.omegaeng.cz

Karviná, Czech Republic

596-311-899

BENELUX

www.omega.nl

0800-099-33-44



More than 100,000 Products Available!

• Temperature

Calibrators, Connectors, General Test and Measurement Instruments, Handheld Instruments for Temperature Measurement, Ice Point References, Indicating Labels, Crayons, Cements and Lacquers, Infrared Temperature Measurement Instruments, Recorders, Relative Humidity Measurement Instruments, PT100 Probes, PT100 Elements, Temperature & Process Meters, Timers and Counters, Temperature and Process Controllers and Power Switching Devices, Thermistor Elements, Probes and Assemblies, Thermocouples, Thermowells and Head and Well Assemblies, Transmitters, Thermocouple Wire, RTD Probes

• Flow and Level

Air Velocity Indicators, Doppler Flowmeters, Level Measurement, Magnetic Flowmeters, Mass Flowmeters, Pitot Tubes, Pumps, Rotameters, Turbine and Paddle Wheel Flowmeters, Ultrasonic Flowmeters, Valves, Variable Area Flowmeters, Vortex Shedding Flowmeters

• pH and Conductivity

Conductivity Instrumentation, Dissolved Oxygen Instrumentation, Environmental Instrumentation, pH Electrodes and Instruments, Water and Soil Analysis Instrumentation

• Data Acquisition

Auto-Dialers and Alarm Monitoring Systems, Communication Products and Converters, Data Acquisition and Analysis Software, Data Loggers Plug-in Cards, Signal Conditioners, USB, RS232, RS485 and Parallel Port Data Acquisition Systems, Wireless Transmitters and Receivers

• 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, Pressure Transmitters, Strain Gauges, 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