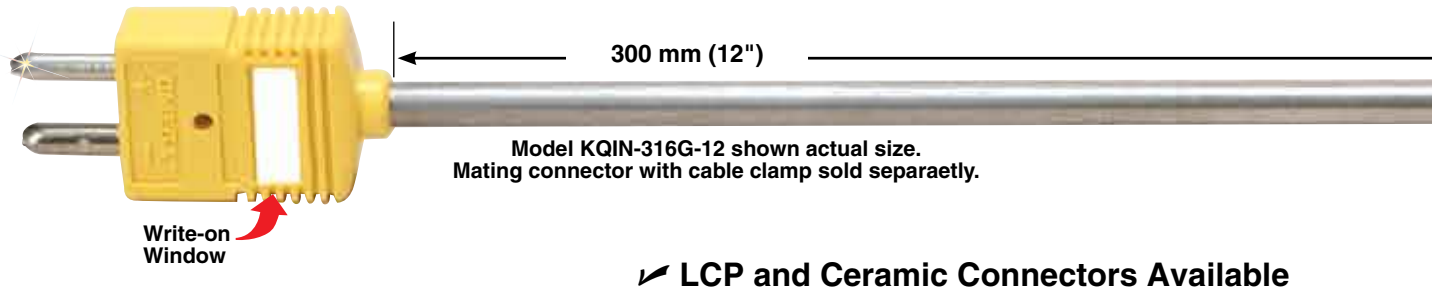
Quick Disconnect Thermocouples with Low Cost Standard Size Connector Molded to Probe Sheath—Metric and Standard Dimensions



Model KQIN-316G-12 shown actual size.
Mating connector with cable clamp sold separaetly.

- Male Connector Permanently Molded to Probe Sheath
- Standard Size, Color-Coded Connector Body
- Choice of 304, 310, 316, 321 SS Inconel® or Super OMEGACLAD™ XL Sheath
- LCP and Ceramic Connectors Available
- Withstands Vibration, High Temperature and High Pressure
- Connector Body Rated From -29 to 180°C (-20 to 356°F)

Note: *Minor discoloration of connector may occur between 150°C (302°F) and 180°C (356°F). Electrical properties are not affected.*

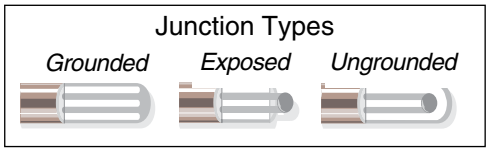
Metric Dimension - Standard Quick Disconnect Probes

To Order

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	JQIN-M15(*)-300	JQIN-M15(*)-450	JQIN-M15(*)-600
	3.0	JQIN-M30(*)-300	JQIN-M30(*)-450	JQIN-M30(*)-600
	4.5	JQIN-M45(*)-300	JQIN-M45(*)-450	JQIN-M45(*)-600
	6.0	JQIN-M60(*)-300	JQIN-M60(*)-450	JQIN-M60(*)-600
Iron- Constantan 304 SS Sheath J	1.5	JQSS-M15(*)-300	JQSS-M15(*)-450	JQSS-M15(*)-600
	3.0	JQSS-M30(*)-300	JQSS-M30(*)-450	JQSS-M30(*)-600
	4.5	JQSS-M45(*)-300	JQSS-M45(*)-450	JQSS-M45(*)-600
	6.0	JQSS-M60(*)-300	JQSS-M60(*)-450	JQSS-M60(*)-600
CHROMEGA™-ALOMEGA™ Inconel Sheath K	1.5	KQIN-M15(*)-300	KQIN-M15(*)-450	KQIN-M15(*)-600
	3.0	KQIN-M30(*)-300	KQIN-M30(*)-450	KQIN-M30(*)-600
	4.5	KQIN-M45(*)-300	KQIN-M45(*)-450	KQIN-M45(*)-600
	6.0	KQIN-M60(*)-300	KQIN-M60(*)-450	KQIN-M60(*)-600
CHROMEGA™- ALOMEGA™ 304 SS Sheath K	1.5	KQSS-M15(*)-300	KQSS-M15(*)-450	KQSS-M15(*)-600
	3.0	KQSS-M30(*)-300	KQSS-M30(*)-450	KQSS-M30(*)-600
	4.5	KQSS-M45(*)-300	KQSS-M45(*)-450	KQSS-M45(*)-600
	6.0	KQSS-M60(*)-300	KQSS-M60(*)-450	KQSS-M60(*)-600
CHROMEGA™-ALOMEGA™ Super OMEGACLAD™ XL Sheath K	1.5	KQXL-M15(*)-300	KQXL-M15(*)-450	KQXL-M15(*)-600
	3.0	KQXL-M30(*)-300	KQXL-M30(*)-450	KQXL-M30(*)-600
	4.5	KQXL-M45(*)-300	KQXL-M45(*)-450	KQXL-M45(*)-600
	6.0	KQXL-M60(*)-300	KQXL-M60(*)-450	KQXL-M60(*)-600
OMEGA-P™-OMEGA-N™ Super OMEGACLAD™ XL Sheath N	1.5	NQXL-M15(*)-300	NQXL-M15(*)-450	NQXL-M15(*)-600
	3.0	NQXL-M30(*)-300	NQXL-M30(*)-450	NQXL-M30(*)-600
	4.5	NQXL-M45(*)-300	NQXL-M45(*)-450	NQXL-M45(*)-600
	6.0	NQXL-M60(*)-300	NQXL-M60(*)-450	NQXL-M60(*)-600
CHROMEGA™- Constantan Inconel Sheath E	1.5	EQIN-M15(*)-300	EQIN-M15(*)-450	EQIN-M15(*)-600
	3.0	EQIN-M30(*)-300	EQIN-M30(*)-450	EQIN-M30(*)-600
	4.5	EQIN-M45(*)-300	EQIN-M45(*)-450	EQIN-M45(*)-600
	6.0	EQIN-M60(*)-300	EQIN-M60(*)-450	EQIN-M60(*)-600
CHROMEGA™- Constantan 304 SS Sheath E	1.5	EQSS-M15(*)-300	EQSS-M15(*)-450	EQSS-M15(*)-600
	3.0	EQSS-M30(*)-300	EQSS-M30(*)-450	EQSS-M30(*)-600
	4.5	EQSS-M45(*)-300	EQSS-M45(*)-450	EQSS-M45(*)-600
	6.0	EQSS-M60(*)-300	EQSS-M60(*)-450	EQSS-M60(*)-600
Copper- Constantan Inconel Sheath T	1.5	TQIN-M15(*)-300	TQIN-M15(*)-450	TQIN-M15(*)-600
	3.0	TQIN-M30(*)-300	TQIN-M30(*)-450	TQIN-M30(*)-600
	4.5	TQIN-M45(*)-300	TQIN-M45(*)-450	TQIN-M45(*)-600
	6.0	TQIN-M60(*)-300	TQIN-M60(*)-450	TQIN-M60(*)-600
Copper- Constantan 304 SS Sheath T	1.5	TQSS-M15(*)-300	TQSS-M15(*)-450	TQSS-M15(*)-600
	3.0	TQSS-M30(*)-300	TQSS-M30(*)-450	TQSS-M30(*)-600
	4.5	TQSS-M45(*)-300	TQSS-M45(*)-450	TQSS-M45(*)-600
	6.0	TQSS-M60(*)-300	TQSS-M60(*)-450	TQSS-M60(*)-600

******* *Specify junction type:* ***G*** *(Grounded),* ***E*** *(Exposed),* ***U*** *(Ungrounded).* ***To order with 310 SS, 316 SS or 321 SS sheath****, change "****SS****" in model number to "****310SS****", "****316SS****" or "****321SS****" respectively. Consult Sales for lengths between 50 and 300 mm or for lengths over 600 mm.*
Type N Inconel Sheathing is available, Contact Sales for model numbers. *No additional charge.*
Ordering Example: KQSS-M30U-300*, molded junction quick disconnect probe, Type K (CHROMEGA®-ALOMEGA®), 304SS sheath, 3 mm OD, ungrounded junction, 300 mm length.*

1.888.610.7664 www.calcert.com sales@calcert.com



Discount Schedule	
1-10	**Net**
11-24	**10%**
25-49	**15%**
50 and over	**Consult Sales**

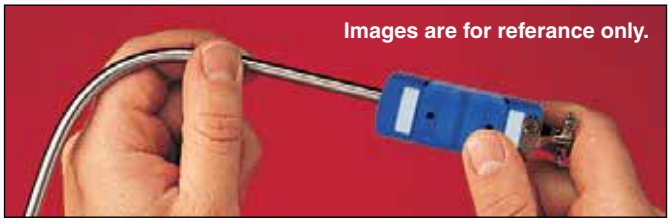
Available as

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

SUPER OMEGACLAD™ XL THERMOCOUPLE PROBES



The OMEGA™ quick disconnect molded thermocouple assemblies are available with sheath diameters of 1.5, 3, 4.5 and 6 mm (1/16, 1/8, 3/16 and 1/4") in standard 300, 450 and 600 mm (12, 18 and 24") nominal lengths. Custom lengths are also available, consult sales for details.



Made from Special Limits of Error OMEGACLAD™ wire. Probes can be bent to between 2 and 3 times the diameter

Standard Dimension - Standard Quick Disconnect Probes

To Order

Alloy/ANSI Color Code	Sheath Dia. in.	Model No. 12" Length	Model No. 18" Length	Model No. 24" Length
Iron- Constantan Inconel Sheath **J**	1/16	JQIN-116(*)-12	JQIN-116(*)-18	JQIN-116(*)-24
	1/8	JQIN-18(*)-12	JQIN-18(*)-18	JQIN-18(*)-24
	3/16	JQIN-316(*)-12	JQIN-316(*)-18	JQIN-316(*)-24
	1/4	JQIN-14(*)-12	JQIN-14(*)-18	JQIN-14(*)-24
Iron- Constantan 304 SS Sheath **J**	1/16	JQSS-116(*)-12	JQSS-116(*)-18	JQSS-116(*)-24
	1/8	JQSS-18(*)-12	JQSS-18(*)-18	JQSS-18(*)-24
	3/16	JQSS-316(*)-12	JQSS-316(*)-18	JQSS-316(*)-24
	1/4	JQSS-14(*)-12	JQSS-14(*)-18	JQSS-14(*)-24
CHROMEGA™-ALOMEGA™ Inconel Sheath **K**	1/16	KQIN-116(*)-12	KQIN-116(*)-18	KQIN-116(*)-24
	1/8	KQIN-18(*)-12	KQIN-18(*)-18	KQIN-18(*)-24
	3/16	KQIN-316(*)-12	KQIN-316(*)-18	KQIN-316(*)-24
	1/4	KQIN-14(*)-12	KQIN-14(*)-18	KQIN-14(*)-24
CHROMEGA™- ALOMEGA™ 304 SS Sheath **K**	1/16	KQSS-116(*)-12	KQSS-116(*)-18	KQSS-116(*)-24
	1/8	KQSS-18(*)-12	KQSS-18(*)-18	KQSS-18(*)-24
	3/16	KQSS-316(*)-12	KQSS-316(*)-18	KQSS-316(*)-24
	1/4	KQSS-14(*)-12	KQSS-14(*)-18	KQSS-14(*)-24
CHROMEGA™-ALOMEGA™ Super OMEGACLAD™ XL Sheath **K**	1/16	KQXL-116(*)-12	KQXL-116(*)-18	KQXL-116(*)-24
	1/8	KQXL-18(*)-12	KQXL-18(*)-18	KQXL-18(*)-24
	3/16	KQXL-316(*)-12	KQXL-316(*)-18	KQXL-316(*)-24
	1/4	KQXL-14(*)-12	KQXL-14(*)-18	KQXL-14(*)-24
OMEGA-P™-OMEGA-N™ Super OMEGACLAD™ XL Sheath **N**	1/16	NQXL-116(*)-12	NQXL-116(*)-18	NQXL-116(*)-24
	1/8	NQXL-18(*)-12	NQXL-18(*)-18	NQXL-18(*)-24
	3/16	NQXL-316(*)-12	NQXL-316(*)-18	NQXL-316(*)-24
	1/4	NQXL-14(*)-12	NQXL-14(*)-18	NQXL-14(*)-24
CHROMEGA™- Constantan Inconel Sheath **E**	1/16	EQIN-116(*)-12	EQIN-116(*)-18	EQIN-116(*)-24
	1/8	EQIN-18(*)-12	EQIN-18(*)-18	EQIN-18(*)-24
	3/16	EQIN-316(*)-12	EQIN-316(*)-18	EQIN-316(*)-24
	1/4	EQIN-14(*)-12	EQIN-14(*)-18	EQIN-14(*)-24
CHROMEGA™- Constantan 304 SS Sheath **E**	1/16	EQSS-116(*)-12	EQSS-116(*)-18	EQSS-116(*)-24
	1/8	EQSS-18(*)-12	EQSS-18(*)-18	EQSS-18(*)-24
	3/16	EQSS-316(*)-12	EQSS-316(*)-18	EQSS-316(*)-24
	1/4	EQSS-14(*)-12	EQSS-14(*)-18	EQSS-14(*)-24
Copper- Constantan Inconel Sheath **T**	1/16	TQIN-116(*)-12	TQIN-116(*)-18	TQIN-116(*)-24
	1/8	TQIN-18(*)-12	TQIN-18(*)-18	TQIN-18(*)-24
	3/16	TQIN-316(*)-12	TQIN-316(*)-18	TQIN-316(*)-24
	1/4	TQIN-14(*)-12	TQIN-14(*)-18	TQIN-14(*)-24
Copper- Constantan 304 SS Sheath **T**	1/16	TQSS-116(*)-12	TQSS-116(*)-18	TQSS-116(*)-24
	1/8	TQSS-18(*)-12	TQSS-18(*)-18	TQSS-18(*)-24
	3/16	TQSS-316(*)-12	TQSS-316(*)-18	TQSS-316(*)-24
	1/4	TQSS-14(*)-12	TQSS-14(*)-18	TQSS-14(*)-24

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

To order with 310, 316 or 321 SS sheath*, change "****SS****" in model number to "****310SS****", "****316SS****" or "****321SS****" respectively; no additional charge. Consult Sales for lengths between 2 to 12", or for lengths over 24".* ***Type N Inconel Sheathing is available, Contact Sales for part numbers.***

Ordering Example: KQSS-18U-12*, molded junction quick disconnect probe, type K (CHROMEGA™-ALOMEGA™), 304SS sheath, 1/8" OD, ungrounded junction, 12" length.*

Metric Accessories

Alloy/ANSI Color Code	Model No. 300 mm Length	Model No. 450 mm Length	Model No. 600 mm Length	Mating Connector Model No.	Cable Clamp Model No.	Safety Clip Model No.
Iron-Constantan Inconel Sheath J	JQIN-M15(*)-300 JQIN-M30(*)-300 JQIN-M45(*)-300 JQIN-M60(*)-300	JQIN-M15(*)-450 JQIN-M30(*)-450 JQIN-M45(*)-450 JQIN-M60(*)-450	JQIN-M15(*)-600 JQIN-M30(*)-600 JQIN-M45(*)-600 JQIN-M60(*)-600	OSTW-J-F	PCLM	SFCL
Iron-Constantan 304 SS Sheath J	JQSS-M15(*)-300 JQSS-M30(*)-300 JQSS-M45(*)-300 JQSS-M60(*)-300	JQSS-M15(*)-450 JQSS-M30(*)-450 JQSS-M45(*)-450 JQSS-M60(*)-450	JQSS-M15(*)-600 JQSS-M30(*)-600 JQSS-M45(*)-600 JQSS-M60(*)-600			
CHROMEGA™-ALOMEGA™ Inconel Sheath K	KQIN-M15(*)-300 KQIN-M30(*)-300 KQIN-M45(*)-300 KQIN-M60(*)-300	KQIN-M15(*)-450 KQIN-M30(*)-450 KQIN-M45(*)-450 KQIN-M60(*)-450	KQIN-M15(*)-600 KQIN-M30(*)-600 KQIN-M45(*)-600 KQIN-M60(*)-600	OSTW-K-F		
CHROMEGA™-ALOMEGA™ 304 SS Sheath K	KQSS-M15(*)-300 KQSS-M30(*)-300 KQSS-M45(*)-300 KQSS-M60(*)-300	KQSS-M15(*)-450 KQSS-M30(*)-450 KQSS-M45(*)-450 KQSS-M60(*)-450	KQSS-M15(*)-600 KQSS-M30(*)-600 KQSS-M45(*)-600 KQSS-M60(*)-600			
CHROMEGA™-ALOMEGA™ Super OMEGACLAD™ XL Sheath K	KQXL-M15(*)-300 KQXL-M30(*)-300 KQXL-M45(*)-300 KQXL-M60(*)-300	KQXL-M15(*)-450 KQXL-M30(*)-450 KQXL-M45(*)-450 KQXL-M60(*)-450	KQXL-M15(*)-600 KQXL-M30(*)-600 KQXL-M45(*)-600 KQXL-M60(*)-600			
OMEGA-P™-OMEGA-N™ Super OMEGACLAD™ XL Sheath N	KQXL-M15(*)-300 KQXL-M30(*)-300 KQXL-M45(*)-300 KQXL-M60(*)-300	NQXL-M15(*)-450 NQXL-M30(*)-450 NQXL-M45(*)-450 NQXL-M60(*)-450	NQXL-M15(*)-600 NQXL-M30(*)-600 NQXL-M45(*)-600 NQXL-M60(*)-600	OSTW-N-F		
CHROMEGA™-Constantan Inconel Sheath E	EQIN-M15(*)-300 EQIN-M30(*)-300 EQIN-M45(*)-300 EQIN-M60(*)-300	EQIN-M15(*)-450 EQIN-M30(*)-450 EQIN-M45(*)-450 EQIN-M60(*)-450	EQIN-M15(*)-600 EQIN-M30(*)-600 EQIN-M45(*)-600 EQIN-M60(*)-600	OSTW-E-F		
CHROMEGA™-Constantan 304 SS Sheath E	EQSS-M15(*)-300 EQSS-M30(*)-300 EQSS-M45(*)-300 EQSS-M60(*)-300	EQSS-M15(*)-450 EQSS-M30(*)-450 EQSS-M45(*)-450 EQSS-M60(*)-450	EQSS-M15(*)-600 EQSS-M30(*)-600 EQSS-M45(*)-600 EQSS-M60(*)-600			
Copper-Constantan Inconel Sheath T	TQIN-M15(*)-300 TQIN-M30(*)-300 TQIN-M45(*)-300 TQIN-M60(*)-300	TQIN-M15(*)-450 TQIN-M30(*)-450 TQIN-M45(*)-450 TQIN-M60(*)-450	TQIN-M15(*)-600 TQIN-M30(*)-600 TQIN-M45(*)-600 TQIN-M60(*)-600	OSTW-T-F		
Copper-Constantan 304 SS Sheath T	TQSS-M15(*)-300 TQSS-M30(*)-300 TQSS-M45(*)-300 TQSS-M60(*)-300	TQSS-M15(*)-450 TQSS-M30(*)-450 TQSS-M45(*)-450 TQSS-M60(*)-450	TQSS-M15(*)-600 TQSS-M30(*)-600 TQSS-M45(*)-600 TQSS-M60(*)-600			

All Accessories Sold Seperately.

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

Standard Accessories

Alloy/ANSI Color Code	Model No. 12" Length	Model No. 18" Length	Model No. 24" Length	Mating Connector Model No.	Cable Clamp Model No.	Safety Clip Model No.
Iron-Constantan Inconel Sheath J	**JQIN-116(*)-12 JQIN-18(*)-12 JQIN-316(*)-12 JQIN-14(*)-12**	**JQIN-116(*)-18 JQIN-18(*)-18 JQIN-316(*)-18 JQIN-14(*)-18**	**JQIN-116(*)-24 JQIN-18(*)-24 JQIN-316(*)-24 JQIN-14(*)-24**	OSTW-J-F	PCLM	SFCL
Iron-Constantan 304 SS Sheath J	**JQSS-116(*)-12 JQSS-18(*)-12 JQSS-316(*)-12 JQSS-14(*)-12**	**JQSS-116(*)-18 JQSS-18(*)-18 JQSS-316(*)-18 JQSS-14(*)-18**	**JQSS-116(*)-24 JQSS-18(*)-24 JQSS-316(*)-24 JQSS-14(*)-24**			
CHROMEGA™-ALOMEGA™ Inconel Sheath K	**KQIN-116(*)-12 KQIN-18(*)-12 KQIN-316(*)-12 KQIN-14(*)-12**	**KQIN-116(*)-18 KQIN-18(*)-18 KQIN-316(*)-18 KQIN-14(*)-18**	**KQIN-116(*)-24 KQIN-18(*)-24 KQIN-316(*)-24 KQIN-14(*)-24**	OSTW-K-F		
CHROMEGA™-ALOMEGA™ 304 SS Sheath K	**KQSS-116(*)-12 KQSS-18(*)-12 KQSS-316(*)-12 KQSS-14(*)-12**	**KQSS-116(*)-18 KQSS-18(*)-18 KQSS-316(*)-18 KQSS-14(*)-18**	**KQSS-116(*)-24 KQSS-18(*)-24 KQSS-316(*)-24 KQSS-14(*)-24**			
CHROMEGA™-ALOMEGA™ Super OMEGACLAD™ XL Sheath K	**KQXL-116(*)-12 KQXL-18(*)-12 KQXL-316(*)-12 KQXL-14(*)-12**	**KQXL-116(*)-18 KQXL-18(*)-18 KQXL-316(*)-18 KQXL-14(*)-18**	**KQXL-116(*)-24 KQXL-18(*)-24 KQXL-316(*)-24 KQXL-14(*)-24**			
OMEGA-P™-OMEGA-N™ Super OMEGACLAD™ XL Sheath N	**NQXL-116(*)-12 NQXL-18(*)-12 NQXL-316(*)-12 NQXL-14(*)-12**	**NQXL-116(*)-18 NQXL-18(*)-18 NQXL-316(*)-18 NQXL-14(*)-18**	**NQXL-116(*)-24 NQXL-18(*)-24 NQXL-316(*)-24 NQXL-14(*)-24**	OSTW-N-F		
CHROMEGA™-Constantan Inconel Sheath E	**EQIN-116(*)-12 EQIN-18(*)-12 EQIN-316(*)-12 EQIN-14(*)-12**	**EQIN-116(*)-18 EQIN-18(*)-18 EQIN-316(*)-18 EQIN-14(*)-18**	**EQIN-116(*)-24 EQIN-18(*)-24 EQIN-316(*)-24 EQIN-14(*)-24**	OSTW-E-F		
CHROMEGA™-Constantan 304 SS Sheath E	**EQSS-116(*)-12 EQSS-18(*)-12 EQSS-316(*)-12 EQSS-14(*)-12**	**EQSS-116(*)-18 EQSS-18(*)-18 EQSS-316(*)-18 EQSS-14(*)-18**	**EQSS-116(*)-24 EQSS-18(*)-24 EQSS-316(*)-24 EQSS-14(*)-24**			
Copper-Constantan Inconel Sheath T	**TQIN-116(*)-12 TQIN-18(*)-12 TQIN-316(*)-12 TQIN-14(*)-12**	**TQIN-116(*)-18 TQIN-18(*)-18 TQIN-316(*)-18 TQIN-14(*)-18**	**TQIN-116(*)-24 TQIN-18(*)-24 TQIN-316(*)-24 TQIN-14(*)-24**	OSTW-T-F		
Copper-Constantan 304 SS Sheath T	**TQSS-116(*)-12 TQSS-18(*)-12 TQSS-316(*)-12 TQSS-14(*)-12**	**TQSS-116(*)-18 TQSS-18(*)-18 TQSS-316(*)-18 TQSS-14(*)-18**	**TQSS-116(*)-24 TQSS-18(*)-24 TQSS-316(*)-24 TQSS-14(*)-24**			

All Accessories Sold Seperately.

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