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Quick Disconnect Thermocouple Probe Assemblies

with High Temperature Miniature Connectors

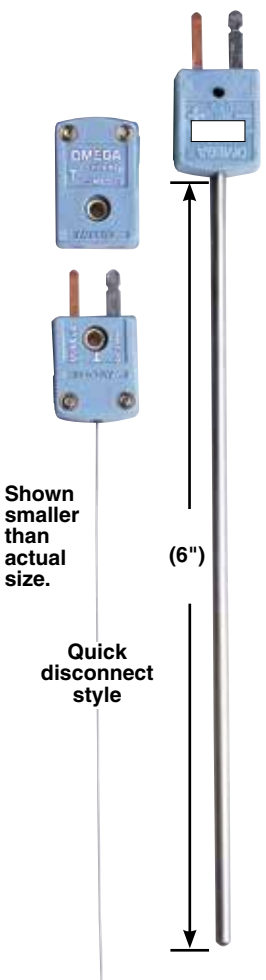
Standard and Metric

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

- Connector Body Temperature Ratings: 260°C (500°F)
- Environmentally Friendly Cadmium-Free Liquid Crystal Polymer
- Miniature Probes with Sheath Diameters from 0.010 to 0.125"
- 6" and 12" Lengths†
- 304 SS and Inconel Sheaths with Grounded, Ungrounded or Exposed Junction
- Terminations are Color-Coded and Identified with Calibration Letter Code
- Mating Connector and Cable Clamp Sold Separately
- Cal-5 Available

XL Sheaths for Highest Temperatures, Greatest Stability in Type K and Type N.

Mating connectors with cable clamp sold separately. Images are for referance only.



Shown smaller than actual size.

Quick disconnect style

To Order

Thermocouple Alloy	Sheath Dia. (inches)	Model Number 6" Length	Model Number 12" Length
IRON-CONSTANTAN 304 SS Sheath J	0.010	HSICSS-010(*)-6	HSICSS-010(*)-12
	0.020	HSICSS-020(*)-6	HSICSS-020(*)-12
	0.032	HSICSS-032(*)-6	HSICSS-032(*)-12
	0.040	HJMQSS-040(*)-6	HJMQSS-040(*)-12
	0.062	HJMQSS-062(*)-6	HJMQSS-062(*)-12
	0.125	HJMQSS-125(*)-6	HJMQSS-125(*)-12
CHROMEGA™-ALOMEGA™ 304 SS Sheath K**	0.010	HSCASS-010(*)-6	HSCASS-010(*)-12
	0.020	HSCASS-020(*)-6	HSCASS-020(*)-12
	0.032	HSCASS-032(*)-6	HSCASS-032(*)-12
	0.040	HKMQSS-040(*)-6	HKMQSS-040(*)-12
	0.062	HKMQSS-062(*)-6	HKMQSS-062(*)-12
	0.125	HKMQSS-125(*)-6	HKMQSS-125(*)-12
CHROMEGA™-CONSTANTAN 304 SS Sheath E	0.010	HSCXSS-010(*)-6	HSCXSS-010(*)-12
	0.020	HSCXSS-020(*)-6	HSCXSS-020(*)-12
	0.032	HSCXSS-032(*)-6	HSCXSS-032(*)-12
	0.040	HEMQSS-040(*)-6	HEMQSS-040(*)-12
	0.062	HEMQSS-062(*)-6	HEMQSS-062(*)-12
	0.125	HEMQSS-125(*)-6	HEMQSS-125(*)-12
COPPER-CONSTANTAN 304 SS Sheath T	0.020	HSCPSS-020(*)-6	HSCPSS-020(*)-12
	0.032	HSCPSS-032(*)-6	HSCPSS-032(*)-12
	0.040	HTMQSS-040(*)-6	HTMQSS-040(*)-12
	0.062	HTMQSS-062(*)-6	HTMQSS-062(*)-12
	0.125	HTMQSS-125(*)-6	HTMQSS-125(*)-12

To Order

Thermocouple Alloy	Sheath Dia. (mm)	Model Number 150 mm Length	Model Number 300 mm Length
IRON-CONSTANTAN 304 SS Sheath J	0.25	HJMQSS-M025(*)-150	HJMQSS-M025(*)-300
	0.50	HJMQSS-M050(*)-150	HJMQSS-M050(*)-300
	0.75	HJMQSS-M075(*)-150	HJMQSS-M075(*)-300
	1.00	HJMQSS-M100(*)-150	HJMQSS-M100(*)-300
	1.50	HJMQSS-M150(*)-150	HJMQSS-M150(*)-300
	3.00	HJMQSS-M300(*)-150	HJMQSS-M300(*)-300
CHROMEGA™-ALOMEGA® 304 SS Sheath K**	0.25	HKMQSS-M025(*)-150	HKMQSS-M025(*)-300
	0.50	HKMQSS-M050(*)-150	HKMQSS-M050(*)-300
	0.75	HKMQSS-M075(*)-150	HKMQSS-M075(*)-300
	1.00	HKMQSS-M100(*)-150	HKMQSS-M100(*)-300
	1.50	HKMQSS-M150(*)-150	HKMQSS-M150(*)-300
	3.00	HKMQSS-M300(*)-150	HKMQSS-M300(*)-300
CHROMEGA™-CONSTANTAN 304 SS Sheath E	0.25	HEMQSS-M025(*)-150	HEMQSS-M025(*)-300
	0.50	HEMQSS-M050(*)-150	HEMQSS-M050(*)-300
	0.75	HEMQSS-M075(*)-150	HEMQSS-M075(*)-300
	1.00	HEMQSS-M100(*)-150	HEMQSS-M100(*)-300
	1.50	HEMQSS-M150(*)-150	HEMQSS-M150(*)-300
	3.00	HEMQSS-M300(*)-150	HEMQSS-M300(*)-300
COPPER-CONSTANTAN 304 SS Sheath T	0.50	HTMQSS-M050(*)-150	HTMQSS-M050(*)-300
	0.75	HTMQSS-M075(*)-150	HTMQSS-M075(*)-300
	1.00	HTMQSS-M100(*)-150	HTMQSS-M100(*)-300
	1.50	HTMQSS-M150(*)-150	HTMQSS-M150(*)-300
	3.00	HTMQSS-M300(*)-150	HTMQSS-M300(*)-300

** Specify junction type: "**G**" (Grounded), "**E**" (Exposed) or "**U**" (Ungrounded) † Other lengths available, consult Sales department.*

***** For highest temperature and stability rating, change"SS" or "IN" to "XL" for additional cost.***

Probes of 1 mm (0.40") diameter and larger supplied with connector molded to probe. Smaller sizes supplied with removable connector.

*To Order with Inconel Sheath, change '**SS**' in model number to '**IN**'. **Example: HKMQIN-040G-6**, no additional charge.*

*To Order with 321 SS Sheath, change '**SS**' in model number to '321SS'. **Example: HKMQ321SS-125E-12**, no additional charge.*

***Ordering Example: HKMQSS-M300U-300**, subminiature quick disconnect probe, Type K, stainless steel sheath, 3 mm OD, ungrounded junction, 300 mm long.*

Standard Accessories

Thermocouple Alloy	Model Number 6" Length	Model Number 12" Length	Mating Connector Model No.	Cable Clamp Model No.	Safety Clip Model No.
IRON-CONSTANTAN 304 SS Sheath J	HSICSS-010(*)-6 HSICSS-020(*)-6 HSICSS-032(*)-6 HJMQSS-040(*)-6 HJMQSS-062(*)-6 HJMQSS-125(*)-6	HSICSS-010(*)-12 HSICSS-020(*)-12 HSICSS-032(*)-12 HJMQSS-040(*)-12 HJMQSS-062(*)-12 HJMQSS-125(*)-12	HMPW-J-F	PCLM	SMCL
CHROMEGA™-ALOMEGA™ 304 SS Sheath K**	HSCASS-010(*)-6 HSCASS-020(*)-6 HSCASS-032(*)-6 HKMQSS-040(*)-6 HKMQSS-062(*)-6 HKMQSS-125(*)-6	HSCASS-010(*)-12 HSCASS-020(*)-12 HSCASS-032(*)-12 HKMQSS-040(*)-12 HKMQSS-062(*)-12 HKMQSS-125(*)-12	HMPW-K-F		
CHROMEGA™-CONSTANTAN 304 SS Sheath E	HSCXSS-010(*)-6 HSCXSS-020(*)-6 HSCXSS-032(*)-6 HEMQSS-040(*)-6 HEMQSS-062(*)-6 HEMQSS-125(*)-6	HSCXSS-010(*)-12 HSCXSS-020(*)-12 HSCXSS-032(*)-12 HEMQSS-040(*)-12 HEMQSS-062(*)-12 HEMQSS-125(*)-12	HMPW-E-F		
COPPER-CONSTANTAN 304 SS Sheath T	HSCPSS-020(*)-6 HSCPSS-032(*)-6 HTMQSS-040(*)-6 HTMQSS-062(*)-6 HTMQSS-125(*)-6	HSCPSS-020(*)-12 HSCPSS-032(*)-12 HTMQSS-040(*)-12 HTMQSS-062(*)-12 HTMQSS-125(*)-12	HMPW-T-F		

All Accessories Sold Seperately.
** Specify junction type: "G" (Grounded), "E" (Exposed) or "U" (Ungrounded) † Other lengths available, consult Sales department.*
*** For highest temperature and stability rating, change"SS" or "IN" to "XL" for additional cost.*

METRIC Accessories

Thermocouple Alloy	Model Number 150 mm Length	Model Number 300 mm Length	Mating Connector Model No.	Cable Clamp Model No.	Safety Clip Model No.
IRON-CONSTANTAN 304 SS Sheath J	HJMQSS-M025(*)-150 HJMQSS-M050(*)-150 HJMQSS-M075(*)-150 HJMQSS-M100(*)-150 HJMQSS-M150(*)-150 HJMQSS-M300(*)-150	HJMQSS-M025(*)-300 HJMQSS-M050(*)-300 HJMQSS-M075(*)-300 HJMQSS-M100(*)-300 HJMQSS-M150(*)-300 HJMQSS-M300(*)-300	HMPW-J-F	PCLM	SMCL
CHROMEGA™-ALOMEGA™ 304 SS Sheath K**	HKMQSS-M025(*)-150 HKMQSS-M050(*)-150 HKMQSS-M075(*)-150 HKMQSS-M100(*)-150 HKMQSS-M150(*)-150 HKMQSS-M300(*)-150	HKMQSS-M025(*)-300 HKMQSS-M050(*)-300 HKMQSS-M075(*)-300 HKMQSS-M100(*)-300 HKMQSS-M150(*)-300 HKMQSS-M300(*)-300	HMPW-K-F		
CHROMEGA™-CONSTANTAN 304 SS Sheath E	HEMQSS-M025(*)-150 HEMQSS-M050(*)-150 HEMQSS-M075(*)-150 HEMQSS-M100(*)-150 HEMQSS-M150(*)-150 HEMQSS-M300(*)-150	HEMQSS-M025(*)-300 HEMQSS-M050(*)-300 HEMQSS-M075(*)-300 HEMQSS-M100(*)-300 HEMQSS-M150(*)-300 HEMQSS-M300(*)-300	HMPW-E-F		
COPPER-CONSTANTAN 304 SS Sheath T	HTMQSS-M050(*)-150 HTMQSS-M075(*)-150 HTMQSS-M100(*)-150 HTMQSS-M150(*)-150 HTMQSS-M300(*)-150	HTMQSS-M050(*)-300 HTMQSS-M075(*)-300 HTMQSS-M100(*)-300 HTMQSS-M150(*)-300 HTMQSS-M300(*)-300	HMPW-T-F		

All Accessories Sold Seperately.
** Specify junction type: "G" (Grounded), "E" (Exposed) or "U" (Ungrounded) † Other lengths available, consult Sales department.*
*** For highest temperature and stability rating, change"SS" or "IN" to "XL" for additional cost.*

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