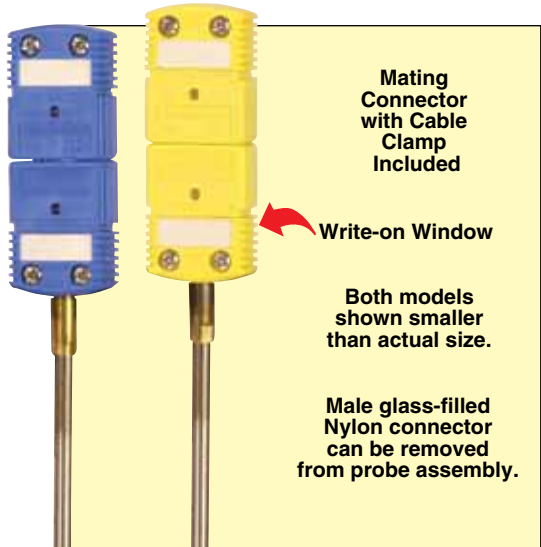


# Quick Disconnect Thermocouples with Removable Standard Size Connectors

Available as



All OMEGA® Probes Are Also Available With PFA Coating. Consult Sales for Ordering Information.



- ✓ Standard Size OSTW Probe Termination
- ✓ 300 mm (12"), 450 mm (18") and 600 mm (24") Lengths in Stock†
- ✓ Choice of 304, 316, 321 SS, Inconel Sheath or Super OMEGACLAD® XL Sheath
- ✓ Diameters from 1.5 to 6.0 mm (1/16 to 1/4")
- ✓ Connector Body Rated to 180°C (356°F)

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

OMEGA® quick disconnect thermocouple Assemblies feature standard size OSTW thermocouple connectors, with probes from 1/16 to 1/4". These probes are available with grounded, ungrounded or exposed junctions with 304, 316, or 321 stainless steel or Inconel sheaths.

## To Order

Thermocouple Alloy	Sheath Dia. mm (inch)	Model No. 300 mm (12") Length	Model No. 450 mm (18") Length	Model No. 600 mm (24") Length
IRON-CONSTANTAN Inconel Sheath <b>J</b>	1.5 (1/16)	ICIN-116(*)-12	ICIN-116(*)-18	ICIN-116(*)-24
	3.0 (1/8)	ICIN-18(*)-12	ICIN-18(*)-18	ICIN-18(*)-24
	4.5 (3/16)	ICIN-316(*)-12	ICIN-316(*)-18	ICIN-316(*)-24
	6.0 (1/4)	ICIN-14(*)-12	ICIN-14(*)-18	ICIN-14(*)-24
IRON-CONSTANTAN 304 SS Sheath <b>J</b>	1.5 (1/16)	ICSS-116(*)-12	ICSS-116(*)-18	ICSS-116(*)-24
	3.0 (1/8)	ICSS-18(*)-12	ICSS-18(*)-18	ICSS-18(*)-24
	4.5 (3/16)	ICSS-316(*)-12	ICSS-316(*)-18	ICSS-316(*)-24
	6.0 (1/4)	ICSS-14(*)-12	ICSS-14(*)-18	ICSS-14(*)-24
CHROMEQA® ALOMEGA® Inconel Sheath <b>K</b>	1.5 (1/16)	CAIN-116(*)-12	CAIN-116(*)-18	CAIN-116(*)-24
	3.0 (1/8)	CAIN-18(*)-12	CAIN-18(*)-18	CAIN-18(*)-24
	4.5 (3/16)	CAIN-316(*)-12	CAIN-316(*)-18	CAIN-316(*)-24
	6.0 (1/4)	CAIN-14(*)-12	CAIN-14(*)-18	CAIN-14(*)-24
CHROMEQA® ** ALOMEGA® 304 SS Sheath <b>K</b>	1.5 (1/16)	CASS-116(*)-12	CASS-116(*)-18	CASS-116(*)-24
	3.0 (1/8)	CASS-18(*)-12	CASS-18(*)-18	CASS-18(*)-24
	4.5 (3/16)	CASS-316(*)-12	CASS-316(*)-18	CASS-316(*)-24
	6.0 (1/4)	CASS-14(*)-12	CASS-14(*)-18	CASS-14(*)-24
CHROMEQA®- CONSTANTAN Inconel Sheath <b>E</b>	1.5 (1/16)	CXIN-116(*)-12	CXIN-116(*)-18	CXIN-116(*)-24
	3.0 (1/8)	CXIN-18(*)-12	CXIN-18(*)-18	CXIN-18(*)-24
	4.5 (3/16)	CXIN-316(*)-12	CXIN-316(*)-18	CXIN-316(*)-24
	6.0 (1/4)	CXIN-14(*)-12	CXIN-14(*)-18	CXIN-14(*)-24
CHROMEQA®- CONSTANTAN 304 SS Sheath <b>E</b>	1.5 (1/16)	CXSS-116(*)-12	CXSS-116(*)-18	CXSS-116(*)-24
	3.0 (1/8)	CXSS-18(*)-12	CXSS-18(*)-18	CXSS-18(*)-24
	4.5 (3/16)	CXSS-316(*)-12	CXSS-316(*)-18	CXSS-316(*)-24
	6.0 (1/4)	CXSS-14(*)-12	CXSS-14(*)-18	CXSS-14(*)-24
COPPER- CONSTANTAN Inconel Sheath <b>T</b>	1.5 (1/16)	CPIN-116(*)-12	CPIN-116(*)-18	CPIN-116(*)-24
	3.0 (1/8)	CPIN-18(*)-12	CPIN-18(*)-18	CPIN-18(*)-24
	4.5 (3/16)	CPIN-316(*)-12	CPIN-316(*)-18	CPIN-316(*)-24
	6.0 (1/4)	CPIN-14(*)-12	CPIN-14(*)-18	CPIN-14(*)-24
COPPER- CONSTANTAN 304 SS Sheath <b>T</b>	1.5 (1/16)	CPSS-116(*)-12	CPSS-116(*)-18	CPSS-116(*)-24
	3.0 (1/8)	CPSS-18(*)-12	CPSS-18(*)-18	CPSS-18(*)-24
	4.5 (3/16)	CPSS-316(*)-12	CPSS-316(*)-18	CPSS-316(*)-24
	6.0 (1/4)	CPSS-14(*)-12	CPSS-14(*)-18	CPSS-14(*)-24
OMEGALLOY®- ** NICROSIL-NISIL Inconel Sheath <b>N</b>	1.5 (1/16)	NNIN-116(*)-12	NNIN-116(*)-18	NNIN-116(*)-24
	3.0 (1/8)	NNIN-18(*)-12	NNIN-18(*)-18	NNIN-18(*)-24
	4.5 (3/16)	NNIN-316(*)-12	NNIN-316(*)-18	NNIN-316(*)-24
	6.0 (1/4)	NNIN-14(*)-12	NNIN-14(*)-18	NNIN-14(*)-24

Note: Length of probe is measured from the bottom of the brass block to the tip of the probe.

Note: Each probe includes mating connector and cable clamp. † Other lengths available, consult Sales department.

\* Specify junction type: "E" (Exposed), "G" (Grounded) or "U" (Ungrounded). To order with 316, 316L or 321 stainless steel sheath, change "SS" in model number to "316SS", "316LSS" or "321SS" respectively, no additional charge. To order replacement probe, no connector, add "-RP" to model number for reduced cost. \*\* To order Super OMEGACLAD® XL, change "IN" to "XL" for additional cost.

Ordering Example: CAXL-18U-12, quick disconnect probe, Type K (CHROMEQA®-ALOMEGA®), Super OMEGACLAD® XL sheath, 3 mm (1/8") OD, ungrounded junction, 300 mm (12") length.

A321SS-18G-12, quick disconnect probe, Type K (CHROMEQA®-ALOMEGA®), 321 SS sheath, 1/8" OD grounded junction.