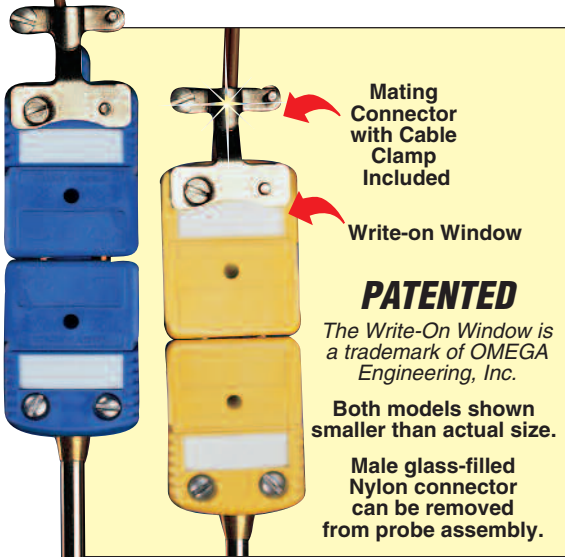


# Quick Disconnect Thermocouples with Removable Standard Size Connectors



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



MEETS OR EXCEEDS SPECIAL LIMITS OF ERROR (SLE) and EN 60594-2: Tolerance Class I

Available as **SUPER OMEGACLAD® XL THERMOCOUPLE PROBES**  
See page A-43 to A-48.

See Section W

- ✓ Standard Size OSTW Probe Termination
- ✓ 300 mm (12"), 450 mm (18") and 600 mm (24") Lengths in Stock†
- ✓ Choice of 304, 310 316, 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 220°C (425°F)

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, 310, 316, or 321 Stainless Steel or Inconel sheaths.

**MOST POPULAR MODELS HIGHLIGHTED!**

## To Order (Specify Model Number)

Thermocouple Alloy	Sheath Dia mm (in.)	Model No. 300 mm (12") Length	Price		Model No. 450 mm (18") Length	Price		Model No. 600 mm (24") Length	Price		Price/Add'l 300 mm (ft)
			G*/E*	U*		G*/E*	U*		G*/E*	U*	
IRON-CONSTANTAN Inconel Sheath J	1.5 (1/16")	ICIN-116(*)-12	\$27	\$29	ICIN-116(*)-18	\$27.80	\$29.80	ICIN-116(*)-24	\$28.55	\$30.55	\$1.55
	3.0 (1/8")	ICIN-18(*)-12	27	29	ICIN-18(*)-18	28.60	30.60	ICIN-18(*)-24	30.15	32.15	3.15
	4.5 (3/16")	ICIN-316(*)-12	28	30	ICIN-316(*)-18	30.20	32.20	ICIN-316(*)-24	32.35	34.35	4.35
	6.0 (1/4")	ICIN-14(*)-12	31	33	ICIN-14(*)-18	34.80	36.80	ICIN-14(*)-24	38.50	40.50	7.50
IRON-CONSTANTAN 304 SS Sheath J	1.5 (1/16")	ICSS-116(*)-12	\$27	\$29	ICSS-116(*)-18	\$27.80	\$29.80	ICSS-116(*)-24	\$28.55	\$30.55	\$1.55
	3.0 (1/8")	ICSS-18(*)-12	27	29	ICSS-18(*)-18	27.90	29.90	ICSS-18(*)-24	28.85	30.85	1.85
	4.5 (3/16")	ICSS-316(*)-12	28	30	ICSS-316(*)-18	29.60	31.60	ICSS-316(*)-24	31.15	33.15	3.15
	6.0 (1/4")	ICSS-14(*)-12	31	33	ICSS-14(*)-18	33.50	35.50	ICSS-14(*)-24	36.00	38.00	5.00
CHROMEGLA® ALOMEGA® Inconel Sheath K	1.5 (1/16")	CAIN-116(*)-12	\$27	\$29	CAIN-116(*)-18	\$27.80	\$29.80	CAIN-116(*)-24	\$28.55	\$30.55	\$1.55
	3.0 (1/8")	CAIN-18(*)-12	27	29	CAIN-18(*)-18	28.60	30.60	CAIN-18(*)-24	30.15	32.15	3.15
	4.5 (3/16")	CAIN-316(*)-12	28	30	CAIN-316(*)-18	30.20	32.20	CAIN-316(*)-24	32.35	34.35	4.35
	6.0 (1/4")	CAIN-14(*)-12	31	33	CAIN-14(*)-18	34.80	36.80	CAIN-14(*)-24	38.50	40.50	7.50
CHROMEGLA® ALOMEGA® 304 SS Sheath K	1.5 (1/16")	CASS-116(*)-12	\$27	\$29	CASS-116(*)-18	\$27.80	\$29.80	CASS-116(*)-24	\$28.55	\$30.55	\$1.55
	3.0 (1/8")	CASS-18(*)-12	27	29	CASS-18(*)-18	27.90	29.90	CASS-18(*)-24	28.85	30.85	1.85
	4.5 (3/16")	CASS-316(*)-12	28	30	CASS-316(*)-18	29.60	31.60	CASS-316(*)-24	31.15	33.15	3.15
	6.0 (1/4")	CASS-14(*)-12	31	33	CASS-14(*)-18	33.50	35.50	CASS-14(*)-24	36.00	38.00	5.00
CHROMEGLA®-CONSTANTAN Inconel Sheath E	1.5 (1/16")	CXIN-116(*)-12	\$27	\$29	CXIN-116(*)-18	\$27.90	\$29.90	CXIN-116(*)-24	\$28.85	\$30.85	\$1.85
	3.0 (1/8")	CXIN-18(*)-12	27	29	CXIN-18(*)-18	28.90	30.90	CXIN-18(*)-24	30.75	32.75	3.75
	4.5 (3/16")	CXIN-316(*)-12	28	30	CXIN-316(*)-18	30.50	32.50	CXIN-316(*)-24	33.00	35.00	5.00
	6.0 (1/4")	CXIN-14(*)-12	31	33	CXIN-14(*)-18	34.80	36.80	CXIN-14(*)-24	38.50	40.50	7.50
CHROMEGLA®-CONSTANTAN 304 SS Sheath E	1.5 (1/16")	CXSS-116(*)-12	\$27	\$29	CXSS-116(*)-18	\$27.80	\$29.80	CXSS-116(*)-24	\$28.55	\$30.55	\$1.55
	3.0 (1/8")	CXSS-18(*)-12	27	29	CXSS-18(*)-18	28.30	30.30	CXSS-18(*)-24	29.50	31.50	2.50
	4.5 (3/16")	CXSS-316(*)-12	28	30	CXSS-316(*)-18	29.60	31.60	CXSS-316(*)-24	31.15	33.15	3.15
	6.0 (1/4")	CXSS-14(*)-12	31	33	CXSS-14(*)-18	33.50	35.50	CXSS-14(*)-24	36.00	38.00	5.00
COPPER-CONSTANTAN Inconel Sheath T	1.5 (1/16")	CPIN-116(*)-12	\$27	\$29	CPIN-116(*)-18	\$27.90	\$29.90	CPIN-116(*)-24	\$28.55	\$30.55	\$1.85
	3.0 (1/8")	CPIN-18(*)-12	27	29	CPIN-18(*)-18	28.90	30.90	CPIN-18(*)-24	30.75	32.75	3.75
	4.5 (3/16")	CPIN-316(*)-12	28	30	CPIN-316(*)-18	30.50	32.50	CPIN-316(*)-24	33.00	35.00	5.00
	6.0 (1/4")	CPIN-14(*)-12	31	33	CPIN-14(*)-18	34.80	36.80	CPIN-14(*)-24	38.50	40.50	7.50
COPPER-CONSTANTAN 304 SS Sheath T	1.5 (1/16")	CPSS-116(*)-12	\$27	\$29	CPSS-116(*)-18	\$27.80	\$29.80	CPSS-116(*)-24	\$28.55	\$30.55	\$1.55
	3.0 (1/8")	CPSS-18(*)-12	27	29	CPSS-18(*)-18	28.30	30.30	CPSS-18(*)-24	29.50	31.50	2.50
	4.5 (3/16")	CPSS-316(*)-12	28	30	CPSS-316(*)-18	29.60	31.60	CPSS-316(*)-24	31.15	33.15	3.15
	6.0 (1/4")	CPSS-14(*)-12	31	33	CPSS-14(*)-18	33.50	35.50	CPSS-14(*)-24	36.00	38.00	5.00
OMEGALLOY®-NICROSIL-NISIL Inconel Sheath N	1.5 (1/16")	NNIN-116(*)-12	\$27	\$29	NNIN-116(*)-18	\$27.80	\$29.80	NNIN-116(*)-24	\$28.55	\$30.55	\$1.55
	3.0 (1/8")	NNIN-18(*)-12	27	29	NNIN-18(*)-18	28.60	30.60	NNIN-18(*)-24	30.15	32.15	3.15
	4.5 (3/16")	NNIN-316(*)-12	28	30	NNIN-316(*)-18	30.20	32.20	NNIN-316(*)-24	32.35	34.35	4.35
	6.0 (1/4")	NNIN-14(*)-12	31	33	NNIN-14(*)-18	34.80	36.80	NNIN-14(*)-24	38.50	40.50	7.50

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 310, 316 or 321 stainless steel sheath, change "SS" in model number to "310SS", "316SS" or "321SS" respectively, no add'l charge. To order replacement probe, no connector, add "-RP" to model number and subtract \$5 from price. \*\* To order Super OMEGACLAD® XL, change "IN" to "XL" and add \$3.

Ordering Example: CAXL-18U-12, Quick Disconnect probe, Type K (CHROMEGLA®-ALOMEGA®), Super OMEGACLAD® XL sheath, 3 mm (1/8") O.D., ungrounded junction, 300 mm (12") length, \$29 + 3 = \$32.

A321SS-18G-12, Quick disconnect probe, Type K (CHROMEGLA®-ALOMEGA®), 321 SS sheath, 1/8" O.D. grounded junction, 12" length, \$27.



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