

Dual Element Thermocouple Assemblies

with Standard Size Connectors

- ✓ 300 mm (12") Length Standard
- ✓ 1.5 to 6.0 mm (1/16" to 1/4") Diameter
- ✓ 304, 310, 316, 321 SS, Inconel® or Super OMEGA CLAD® XL Sheath
- ✓ DTC Type Dual Connector—Mating Connector Included
- ✓ Glass Filled Nylon Connector Body Rated to 220°C (425°F)



Available as
See page A-43 to A-48.

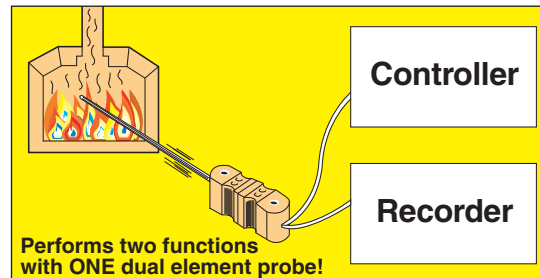


Mating connector, cable clamp and locking clips included. For additional dual element standard connectors, see page G-26.

Applications

- ✓ Two Sensor Readings—Built in Backup
- ✓ Allows Two Readings of a Single Point
- ✓ Continuous Monitor and Control

OMEGA® dual-element thermocouple assemblies are manufactured using 4-conductor OMEGA CLAD® wire, and feature rugged DTC connector terminations. Either 304 SS or Inconel sheaths are available in sizes from 1.5 to 6 mm (1/16" to 1/4") O.D., with either grounded, ungrounded or exposed junctions. Mating connector, cable clamp and locking clips are included. Standard length is 300 mm (12"), with other lengths available.



MOST POPULAR MODELS HIGHLIGHTED!

To Order (Specify Model Number)

Thermocouple Alloy	Sheath Dia. mm (in)	Grounded Junction	Price	Ungrounded Junction	Price	Exposed Junction	Price	Price/Add'l 300 mm (12")
IRON-CONSTANTAN Inconel Sheath J	1.5 (1/16")	ICIN-116G-12-DUAL	\$57.50	ICIN-116U-12-DUAL	\$61.00	ICIN-116E-12-DUAL	\$57.50	\$2.70
	3.0 (3/8")	ICIN-18G-12-DUAL	57.50	ICIN-18U-12-DUAL	61.00	ICIN-18E-12-DUAL	57.50	5.50
	4.5 (3/16")	ICIN-316G-12-DUAL	59.25	ICIN-316U-12-DUAL	62.75	ICIN-316E-12-DUAL	59.25	7.60
	6.0 (1/4")	ICIN-14G-12-DUAL	64.50	ICIN-14U-12-DUAL	68.00	ICIN-14E-12-DUAL	64.50	13.10
IRON-CONSTANTAN 304 SS Sheath J	1.5 (1/16")	ICSS-116G-12-DUAL	\$57.50	ICSS-116U-12-DUAL	\$61.00	ICSS-116E-12-DUAL	\$57.50	\$2.70
	3.0 (3/8")	ICSS-18G-12-DUAL	57.50	ICSS-18U-12-DUAL	61.00	ICSS-18E-12-DUAL	57.50	3.20
	4.5 (3/16")	ICSS-316G-12-DUAL	59.25	ICSS-316U-12-DUAL	62.75	ICSS-316E-12-DUAL	59.25	5.50
	6.0 (1/4")	ICSS-14G-12-DUAL	64.50	ICSS-14U-12-DUAL	68.00	ICSS-14E-12-DUAL	64.50	8.80
CHROMEALOMEGA®-ALOMEGA® Inconel Sheath K	1.5 (1/16")	CAIN-116G-12-DUAL	\$57.50	CAIN-116U-12-DUAL	\$61.00	CAIN-116E-12-DUAL	\$57.50	\$2.70
	3.0 (3/8")	CAIN-18G-12-DUAL	57.50	CAIN-18U-12-DUAL	61.00	CAIN-18E-12-DUAL	57.50	5.50
	4.5 (3/16")	CAIN-316G-12-DUAL	59.25	CAIN-316U-12-DUAL	62.75	CAIN-316E-12-DUAL	59.25	7.60
	6.0 (1/4")	CAIN-14G-12-DUAL	64.50	CAIN-14U-12-DUAL	68.00	CAIN-14E-12-DUAL	64.50	13.10
CHROMEALOMEGA®-ALOMEGA® 304 SS Sheath K	1.5 (1/16")	CASS-116G-12-DUAL	\$57.50	CASS-116U-12-DUAL	\$61.00	CASS-116E-12-DUAL	\$57.50	\$2.70
	3.0 (3/8")	CASS-18G-12-DUAL	57.50	CASS-18U-12-DUAL	61.00	CASS-18E-12-DUAL	57.50	3.20
	4.5 (3/16")	CASS-316G-12-DUAL	59.25	CASS-316U-12-DUAL	62.75	CASS-316E-12-DUAL	59.25	5.50
	6.0 (1/4")	CASS-14G-12-DUAL	64.50	CASS-14U-12-DUAL	68.00	CASS-14E-12-DUAL	64.50	8.80
CHROMEALOMEGA®-CONSTANTAN Inconel Sheath E	1.5 (1/16")	CXIN-116G-12-DUAL	\$57.50	CXIN-116U-12-DUAL	\$61.00	CXIN-116E-12-DUAL	\$57.50	\$3.20
	3.0 (3/8")	CXIN-18G-12-DUAL	57.50	CXIN-18U-12-DUAL	61.00	CXIN-18E-12-DUAL	57.50	6.60
	4.5 (3/16")	CXIN-316G-12-DUAL	59.25	CXIN-316U-12-DUAL	62.75	CXIN-316E-12-DUAL	59.25	8.80
	6.0 (1/4")	CXIN-14G-12-DUAL	64.50	CXIN-14U-12-DUAL	68.00	CXIN-14E-12-DUAL	64.50	13.10
CHROMEALOMEGA®-CONSTANTAN 304 SS Sheath E	1.5 (1/16")	CXSS-116G-12-DUAL	\$57.50	CXSS-116U-12-DUAL	\$61.00	CXSS-116E-12-DUAL	\$57.50	\$2.70
	3.0 (3/8")	CXSS-18G-12-DUAL	57.50	CXSS-18U-12-DUAL	61.00	CXSS-18E-12-DUAL	57.50	4.40
	4.5 (3/16")	CXSS-316G-12-DUAL	59.25	CXSS-316U-12-DUAL	62.75	CXSS-316E-12-DUAL	59.25	5.50
	6.0 (1/4")	CXSS-14G-12-DUAL	64.50	CXSS-14U-12-DUAL	68.00	CXSS-14E-12-DUAL	64.50	8.80
COPPER-CONSTANTAN Inconel Sheath T	1.5 (1/16")	CPIN-116G-12-DUAL	\$57.50	CPIN-116U-12-DUAL	\$61.00	CPIN-116E-12-DUAL	\$57.50	\$3.20
	3.0 (3/8")	CPIN-18G-12-DUAL	57.50	CPIN-18U-12-DUAL	61.00	CPIN-18E-12-DUAL	57.50	6.60
	4.5 (3/16")	CPIN-316G-12-DUAL	59.25	CPIN-316U-12-DUAL	62.75	CPIN-316E-12-DUAL	59.25	8.80
	6.0 (1/4")	CPIN-14G-12-DUAL	64.50	CPIN-14U-12-DUAL	68.00	CPIN-14E-12-DUAL	64.50	13.10
COPPER-CONSTANTAN 304 SS Sheath T	1.5 (1/16")	CPSS-116G-12-DUAL	\$57.50	CPSS-116U-12-DUAL	\$61.00	CPSS-116E-12-DUAL	\$57.50	\$2.70
	3.0 (3/8")	CPSS-18G-12-DUAL	57.50	CPSS-18U-12-DUAL	61.00	CPSS-18E-12-DUAL	57.50	4.40
	4.5 (3/16")	CPSS-316G-12-DUAL	59.25	CPSS-316U-12-DUAL	62.75	CPSS-316E-12-DUAL	59.25	5.50
	6.0 (1/4")	CPSS-14G-12-DUAL	64.50	CPSS-14U-12-DUAL	68.00	CPSS-14E-12-DUAL	64.50	8.80

To order with 310, 316 or 321 stainless steel sheath, change "SS" in model number to "310SS", "316SS" or "321SS" respectively. No extra charge
 * To order Super OMEGA CLAD® XL sheath, change "N" in Model Number to "XL" and add \$3 to price. Note: PFA coating is available, 205°C (400°F) max.
 Custom connector types available, consult custom engineering. **Ordering Example: CAIN-14G-12-DUAL**, dual Type K grounded thermocouples, 6 mm (1/4") Dia. Inconel sheath, 12" long, \$64.50.



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