

# Quick-Disconnect Thermocouples with Standard-Size Connectors



Starts at  
**£18**

Write-On Window

Mating Connector with Cable Clamp Included Shown Smaller than Actual Size

Male glass-filled nylon connector can be removed from probe assembly

The Write-On Window is a trademark of Omega Engineering, Inc.

- ✓ Probes Individually Pressure and Insulation Tested
- ✓ Choice of 304, 316, 321 SS; Inconel® Sheath; or Super OMEGA CLAD™ XL Sheath
- ✓ Diameters from 1.5 to 6.0 mm
- ✓ Connector Body Rated to 220°C
- ✓ Supplied with Mating Connector and Cable Clamp

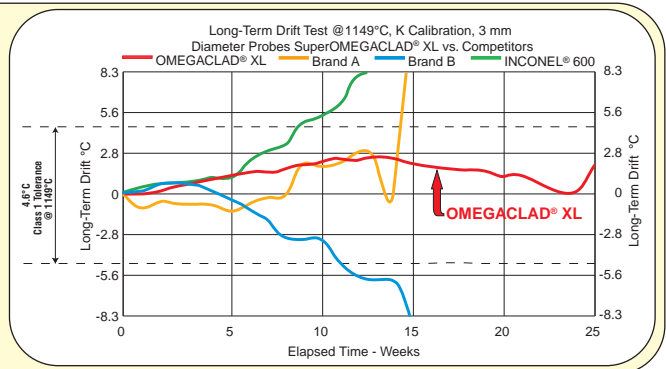
OMEGA® quick-disconnect thermocouple probes are manufactured from mineral-insulated cable and can be shaped to suit many different applications. They are terminated with a standard size, round-pin, colour-coded thermocouple plug. The mating socket and a cable clamp are included in the price.

**ALL OMEGA® PROBES ARE ALSO AVAILABLE WITH PFA COATING. CONSULT SALES OR SEE PAGE A-47.**



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

**Super OMEGA CLAD™ XL's low-drift characteristic ensures reliability of temperature readings longer than any other brand or sheath material. Within 15 weeks, brands A and B, and an Inconel® probe, exhibited more than 8.3°C drift. At 25 weeks, OMEGA CLAD™ XL's drift was less than 2.8°C.**



**SUPER OMEGA CLAD™ XL MODELS HIGHLIGHTED!**

## To Order (Specify Model Number)

Calibration IEC Code	Sheath† Material	Sheath Dia. mm	Upper Temp Guidelines °C T/C Junction	Model No. *Specify Junction (G)rounded, (E)xposed, or (U)ngrounded. **Probe Length 300 mm, 450 mm & 600 mm in Stock	Price				Price/Add'l 300 mm MI Cable
					300 mm		600 mm		
					G*/E*	U*	G*/E*	U*	
<b>K</b> CHROMEGLA™-ALOMEGA™	304SS	1.5	899	CASS-IM15(*)-(**)	£18.00	£19.50	£19.05	£20.55	£1.05
	304SS	3.0	899	CASS-IM30(*)-(**)	18.00	19.50	19.25	20.75	1.25
	304SS	4.5	899	CASS-IM45(*)-(**)	18.75	20.00	20.85	22.10	2.10
	304SS	6.0	899	CASS-IM60(*)-(**)	20.75	22.00	24.15	25.40	3.40
	INC600	1.5	921	CAIN-IM15(*)-(**)	£18.00	£19.50	£19.05	20.55	£1.05
	INC600	3.0	1071	CAIN-IM30(*)-(**)	18.00	19.50	20.10	21.60	2.10
	INC600	4.5	1149	CAIN-IM45(*)-(**)	18.75	20.00	21.65	22.90	2.90
	INC600	6.0	1149	CAIN-IM60(*)-(**)	20.75	22.00	25.75	27.00	5.00
	XL	1.5	1038	CAXL-IM15(*)-(**)	£20.00	£21.50	£23.00	24.50	£1.15
	XL	3.0	1149	CAXL-IM30(*)-(**)	20.00	21.50	24.10	25.60	2.30
<b>T</b> COPPER-CONSTANTAN	304SS	1.5	441	CPSS-IM15(*)-(**)	£18.00	£19.50	£19.05	20.55	£1.05
	304SS	3.0	521	CPSS-IM30(*)-(**)	18.00	19.50	19.70	21.20	1.70
	304SS	4.5	621	CPSS-IM45(*)-(**)	18.75	20.00	20.85	22.10	2.10
	304SS	6.0	721	CPSS-IM60(*)-(**)	20.75	22.00	24.15	25.40	3.40
<b>J</b> IRON-CONSTANTAN	304SS	1.5	441	ICSS-IM15(*)-(**)	£18.00	£19.50	£19.25	20.55	£1.05
	304SS	3.0	521	ICSS-IM30(*)-(**)	18.00	19.50	19.25	20.75	1.25
	304SS	4.5	621	ICSS-IM45(*)-(**)	18.75	20.00	20.75	22.10	2.10
<b>N</b> OMEGALLOY™ NICROSIL-NISIL	XL	1.5	1038	NNXL-IM15(*)-(**)	£20.00	£21.50	£23.00	24.50	£1.15
	XL	3.0	1149	NNXL-IM30(*)-(**)	20.00	21.50	24.10	25.60	2.30
	XL	4.5	1204	NNXL-IM45(*)-(**)	20.75	22.00	25.65	26.90	3.20
	XL	6.0	1204	NNXL-IM60(*)-(**)	22.75	24.00	29.75	31.00	5.60

† To order with alternative stainless steel sheaths change SS in part number to "310SS", "316SS" or "321SS".

Note: Each probe includes mating connector and cable clamp. \*Other lengths available; consult Sales Department.

\*Specify junction type: E (Exposed), G (Grounded) or U (Insulated). Ordering Example: CAXL-IM30U-300, quick-disconnect probe, Type K (CHROMEGLA™-ALOMEGA™), Super OMEGA CLAD™ XL sheath, 3 mm OD, insulated junction, 300 mm length, £21.50.

Inconel® is a registered trademark of Huntington Alloys Canada Ltd.