

# High Temperature Probes

For use up to 1335°C (2435°F)

## SUPER OMEGACLAD® XL

Super Accurate, Super Stable,  
Super Value Exclusive! ONLY from OMEGA®  
Standard or Metric Dimensions

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

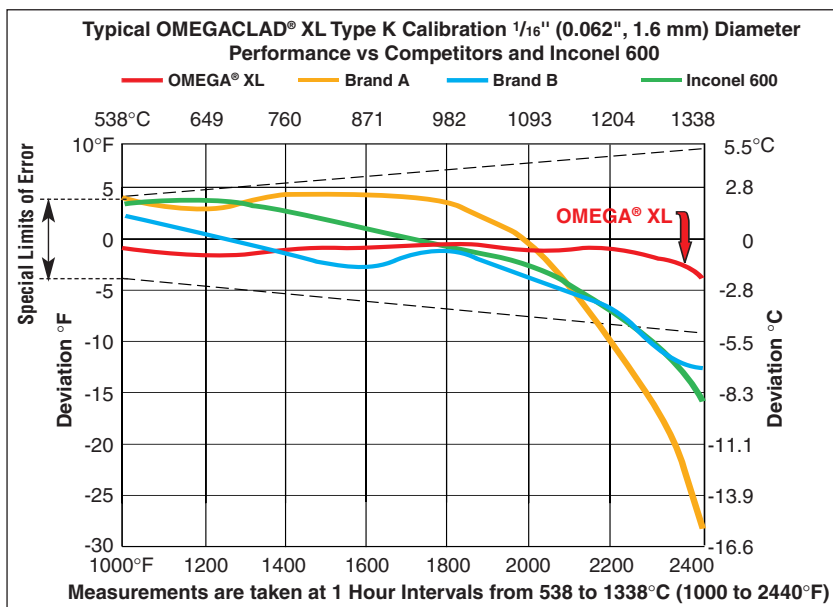
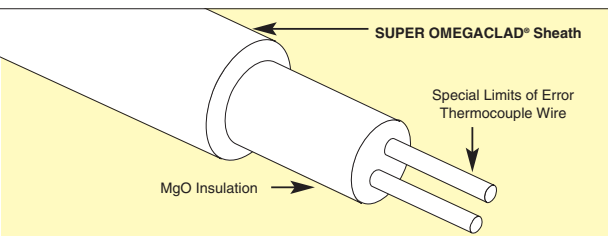


**Don't Settle for Less!**

- ✓ Excellent Long Term Stability at High Temperatures
- ✓ 1335°C (2435°F) Short Duration Capability 1.5 mm and Larger Diameters
- ✓ 1150°C (2100°F) Continuous Use
  - ✓ 3.0 mm and Larger Diameters 4,500 hours (25 plus weeks)\* Average MTBF (Mean Time Between Failure)
  - ✓ 1.5 mm (0.062") 2,000 Hours (12 weeks)\* Average MTBF (Mean Time Between Failure)
  - ✓ \*Performance Data Established by Means of an Electric Furnace at Static 1150°C (2100°F) Temperature in an Air Environment. The Data is for Reference Purposes only and Does not Imply a Period of Guarantee
- ✓ Excellent Oxidation, Carburization and Chlorination Resistance
- ✓ Available with Type K or Type N Calibration Wire (Special Requests Can Be Taken for Other Calibrations)
- ✓ Available from **STOCK!** Cut to Length or Long Continuous Lengths



New Super OMEGACLAD® XL sheathed mineral-insulated thermocouple wire, designated "XL" for ordering, can be used at ultra-high temperatures for prolonged periods with very little drift of the base metal thermocouple. The sheath material uses Nickel-Chrome based Super OMEGACLAD® XL sheathing, which provides excellent oxidation resistance. The sheath can withstand exposure to combustion gases or air at temperatures up to 1335°C (2435°F). Superior resistance to oxidation attack results from a tenacious and protective high temperature film that does not affect the stability of the thermocouple alloys. This film permits the sensor to be used at ultra-high temperatures for prolonged periods with improved accuracy over other available sheath materials. Super OMEGACLAD® XL sheathing also provides excellent resistance to corrosion in high temperature chlorine-contaminated oxidizing environments and ammonia/nitride-rich environments at temperatures above 980°C (1800°F), the temperature at which the protective film forms.



### Limits of Error for Type K & N Thermocouple Wire

T/C Type	Temperature Range °C (°F)	Limit of Error*	
		Standard	Special
K	0 to 1250 (32 to 2282)	2.2°C (4°F) or 0.75%	±1.1°C (2°F) or 0.4%
N	0 to 1250 (32 to 2282)	2.2°C (4°F) or 0.75%	±1.1°C (2°F) or 0.4%

\*Whichever is greater

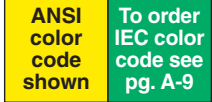


# Super OMEGACLAD® XL Probes

## Very Low Drift at High Temperatures

Super Accurate, Super Stable, Super Value - Standard Dimensions

- ✓ For Use Up to 1335°C (2440°F)
- ✓ Excellent Long Term Stability at High Temperatures
- ✓ Larger Diameter Available (Consult Sales)



**ALL MODELS AVAILABLE FOR FAST DELIVERY!**

Universal Connector and Clamp Included

### Standard Dimension - Quick Connect Probes

Alloy/ANSI Color Code	Sheath Dia. inches	Model Number ANSI Color Code	Junction Type				Price/Add'l 6"
			G/E	U	G/E	U	
<b>MOLDED STANDARD CONNECTOR</b>			<b>12"</b>		<b>18"</b>		
CHROMEGLA®-ALOMEGA® XL Sheath <b>K</b>	1/16" 1/8" 3/16" 1/4"	KQXL-116[*]-[**] KQXL-18[*]-[**] KQXL-316[*]-[**] KQXL-14[*]-[**]	\$26.00 27.00 29.00 30.00	\$30.00 30.00 31.00 33.80	\$26.80 28.60 31.00 33.80	\$30.80 31.60 33.20 37.80	\$0.85 1.75 2.35 4.15
OMEGA-P®-OMEGA-N® XL Sheath <b>N</b>	1/16" 1/8" 3/16" 1/4"	NQXL-116[*]-[**] NQXL-18[*]-[**] NQXL-316[*]-[**] NQXL-14[*]-[**]	26.00 27.00 29.00 30.00	30.00 30.00 31.00 33.80	26.00 28.60 31.00 33.80	30.80 31.60 33.20 37.80	0.85 1.75 2.35 4.15
<b>MINIATURE CONNECTOR</b>			<b>6"</b>		<b>12"</b>		<b>Add'l 6"</b>
CHROMEGLA®-ALOMEGA® XL Sheath <b>K</b>	0.010" 0.020" 0.032" 0.040" 0.062" 0.125"	KMQXL-010[*]-[**] KMQXL-020[*]-[**] KMQXL-032[*]-[**] KMQXL-040[*]-[**] KMQXL-062[*]-[**] KMQXL-125[*]-[**]	\$51.00 31.00 31.00 31.00 27.00 27.00	\$71.00 33.00 33.00 33.00 29.00 29.00	\$52.00 31.65 31.65 31.65 27.80 27.95	\$72.99 33.65 33.65 33.65 29.80 29.80	\$1.25 0.69 0.69 0.69 0.85 1.75
OMEGA-P®-OMEGA-N® XL Sheath <b>N</b>	0.020" 0.032" 0.040" 0.062" 0.125"	NMQXL-020[*]-[**] NMQXL-032[*]-[**] NMQXL-040[*]-[**] NMQXL-062[*]-[**] NMQXL-125[*]-[**]	31.00 31.00 31.00 27.00 27.00	33.00 33.00 33.00 29.00 29.00	31.65 31.65 31.65 27.80 27.95	33.65 33.65 33.65 29.80 29.80	0.69 0.69 0.69 0.85 1.75

Heavy Duty Style

Miniature Style

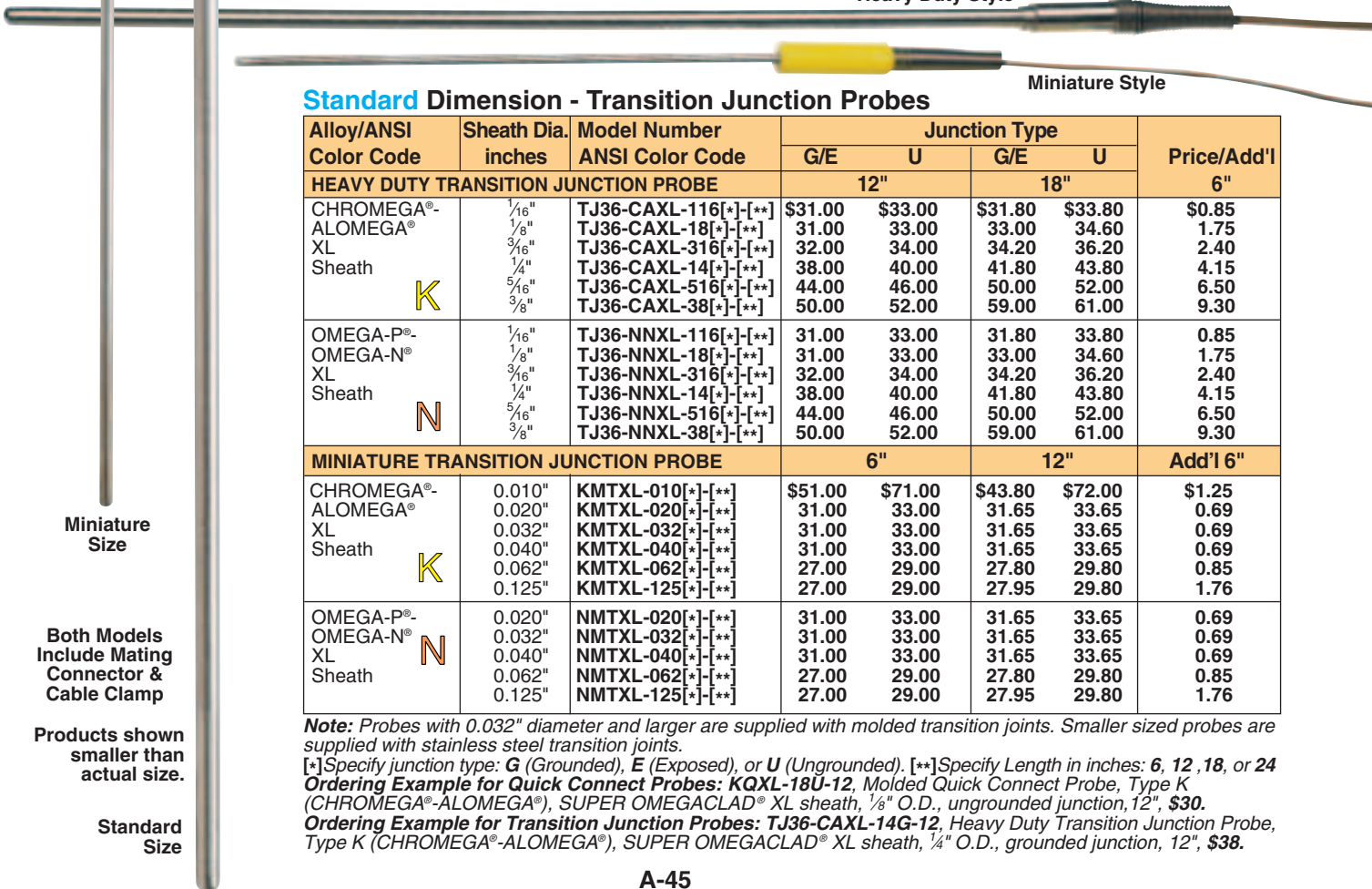
### Standard Dimension - Transition Junction Probes

Alloy/ANSI Color Code	Sheath Dia. inches	Model Number ANSI Color Code	Junction Type				Price/Add'l 6"
			G/E	U	G/E	U	
<b>HEAVY DUTY TRANSITION JUNCTION PROBE</b>			<b>12"</b>		<b>18"</b>		<b>6"</b>
CHROMEGLA®-ALOMEGA® XL Sheath <b>K</b>	1/16" 1/8" 3/16" 1/4" 5/16" 3/8"	TJ36-CAXL-116[*]-[**] TJ36-CAXL-18[*]-[**] TJ36-CAXL-316[*]-[**] TJ36-CAXL-14[*]-[**] TJ36-CAXL-516[*]-[**] TJ36-CAXL-38[*]-[**]	\$31.00 31.00 32.00 38.00 44.00 50.00	\$33.00 33.00 34.00 40.00 46.00 52.00	\$31.80 33.00 34.20 41.80 50.00 59.00	\$33.80 34.60 36.20 43.80 52.00 61.00	\$0.85 1.75 2.40 4.15 6.50 9.30
OMEGA-P®-OMEGA-N® XL Sheath <b>N</b>	1/16" 1/8" 3/16" 1/4" 5/16" 3/8"	TJ36-NNXL-116[*]-[**] TJ36-NNXL-18[*]-[**] TJ36-NNXL-316[*]-[**] TJ36-NNXL-14[*]-[**] TJ36-NNXL-516[*]-[**] TJ36-NNXL-38[*]-[**]	31.00 31.00 32.00 38.00 44.00 50.00	33.00 33.00 34.00 40.00 46.00 52.00	31.80 33.00 34.20 41.80 50.00 59.00	33.80 34.60 36.20 43.80 52.00 61.00	0.85 1.75 2.40 4.15 6.50 9.30
<b>MINIATURE TRANSITION JUNCTION PROBE</b>			<b>6"</b>		<b>12"</b>		<b>Add'l 6"</b>
CHROMEGLA®-ALOMEGA® XL Sheath <b>K</b>	0.010" 0.020" 0.032" 0.040" 0.062" 0.125"	KMTXL-010[*]-[**] KMTXL-020[*]-[**] KMTXL-032[*]-[**] KMTXL-040[*]-[**] KMTXL-062[*]-[**] KMTXL-125[*]-[**]	\$51.00 31.00 31.00 31.00 27.00 27.00	\$71.00 33.00 33.00 33.00 29.00 29.00	\$43.80 31.65 31.65 31.65 27.80 27.95	\$72.00 33.65 33.65 33.65 29.80 29.80	\$1.25 0.69 0.69 0.69 0.85 1.76
OMEGA-P®-OMEGA-N® XL Sheath <b>N</b>	0.020" 0.032" 0.040" 0.062" 0.125"	NMTXL-020[*]-[**] NMTXL-032[*]-[**] NMTXL-040[*]-[**] NMTXL-062[*]-[**] NMTXL-125[*]-[**]	31.00 31.00 31.00 27.00 27.00	33.00 33.00 33.00 29.00 29.00	31.65 31.65 31.65 27.80 27.95	33.65 33.65 33.65 29.80 29.80	0.69 0.69 0.69 0.85 1.76

**Note:** Probes with 0.032" diameter and larger are supplied with molded transition joints. Smaller sized probes are supplied with stainless steel transition joints.

[\*]Specify junction type: G (Grounded), E (Exposed), or U (Ungrounded). [\*\*]Specify Length in inches: 6, 12, 18, or 24  
**Ordering Example for Quick Connect Probes:** KQXL-18U-12, Molded Quick Connect Probe, Type K (CHROMEGLA®-ALOMEGA®), SUPER OMEGACLAD® XL sheath, 1/8" O.D., ungrounded junction, 12", \$30.

**Ordering Example for Transition Junction Probes:** TJ36-CAXL-14G-12, Heavy Duty Transition Junction Probe, Type K (CHROMEGLA®-ALOMEGA®), SUPER OMEGACLAD® XL sheath, 1/4" O.D., grounded junction, 12", \$38.



Miniature Size

Both Models Include Mating Connector & Cable Clamp

Products shown smaller than actual size.

Standard Size

# Super OMEGACLAD® XL Probes



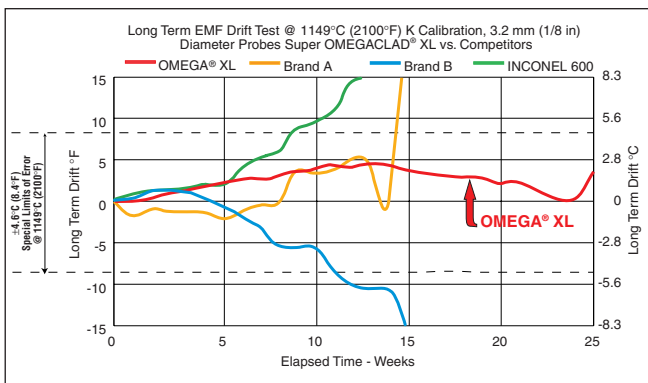
Available in Most Thermocouple Probe Styles & Designs with **Standard Dimensions**

**ANSI color code shown**  
To order **IEC color code** see pg. A-9

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

**OMEGACLAD Factory CAL AVAILABLE**  
**MADE IN USA**

- Standard and Miniature Size Quick-Connect and Molded Transition Junction Probes
- Rugged Industrial Head Styles, Replacement Probes and Utility Handle Probes
- All Standard Lengths Available from Stock - 6", 12", 18" and 24"



## Standard Dimension - Industrial Head Probe Assemblies & Replacement Probes

**ALL MODELS AVAILABLE FOR FAST DELIVERY!**

Alloy/ANSI Color Code	Sheath Dia. inches	Model Number ANSI Color Code	12"		18"		Price/Add'l 6"
			G/E	U	G/E	U	
CHROME <sup>®</sup> -ALOMEGA <sup>®</sup> XL Sheath <b>K</b>	1/16"	NB(*)-CAXL-116[*]-[**]	\$45.00	\$47.00	\$45.80	\$47.90	\$0.85
	1/8"	NB(*)-CAXL-18[*]-[**]	45.00	47.00	46.75	48.75	1.75
	3/16"	NB(*)-CAXL-316[*]-[**]	46.00	48.00	48.40	50.40	2.35
	1/4"	NB(*)-CAXL-14[*]-[**]	50.00	52.00	54.15	56.15	4.15
	5/16"	NB(*)-CAXL-516[*]-[**]	56.00	58.00	62.50	64.50	6.50
	3/8"	NB(*)-CAXL-38[*]-[**]	62.00	64.00	63.30	65.30	9.30
OMEGA-P <sup>®</sup> -OMEGA-N <sup>®</sup> XL Sheath <b>N</b>	1/16"	NB(*)-NNXL-116[*]-[**]	\$45.00	47.00	45.80	47.90	0.85
	1/8"	NB(*)-NNXL-18[*]-[**]	45.00	47.00	46.75	48.75	1.75
	3/16"	NB(*)-NNXL-316[*]-[**]	46.00	48.00	48.40	50.40	2.35
	1/4"	NB(*)-NNXL-14[*]-[**]	50.00	52.00	54.15	56.15	4.15
	5/16"	NB(*)-NNXL-516[*]-[**]	56.00	58.00	62.50	64.50	6.50
	3/8"	NB(*)-NNXL-38[*]-[**]	62.00	64.00	63.30	65.30	9.30

(\*)Specify Head Style from pages A-135 to A-140: 1 (NB1), 2 (NB2), 3 (NB3), 4 (NB4), 5 (NB5), 6 (NB6), 7 (NB7), 8 (NB8), 9 (NB9), 10 (NB10), 11 (NB11), 12 (NB12)

[\*]Specify junction type: **G** (Grounded), **E** (Exposed), **U** (Ungrounded) or **S** (Surface).

[\*\*]Specify Length in inches: 6, 12, 18, or 24.

**Ordering Example:** NB1-CAXL-14G-12, Industrial Head Probe, NB1 Style Head, Type K

(CHROME<sup>®</sup>-ALOMEGA<sup>®</sup>) SUPER OMEGACLAD<sup>®</sup> XL sheath, (1/4") O.D., grounded junction, 12" length, \$50.

To order a replacement probe for a head assembly, add "-RP" to the part number and subtract \$14 from the price above.

**Ordering Example:** NB1-CAXL-14G-12-RP, Industrial Head Replacement Probe, for NB1 Style Head Assembly, Type K (CHROME<sup>®</sup>-ALOMEGA<sup>®</sup>), SUPER OMEGACLAD<sup>®</sup> XL sheath, 1/4" O.D., grounded junction, 12" length, \$36.

## Standard Dimension - Utility Handle Probes

Alloy/ANSI Color Code	Sheath Dia. inches	Model Number ANSI Color Code	Junction Type				Price/Add'l 6"
			12"		18"		
			G/E	U	G/E	U	
CHROME <sup>®</sup> -ALOMEGA <sup>®</sup> XL Sheath <b>K</b>	1/16"	KHXL-116[*]-RSC-[**]	\$36.90	\$43.00	\$36.80	\$43.80	\$0.85
	1/8"	KHXL-18[*]-RSC-[**]	37.00	44.00	38.60	45.60	1.75
	3/16"	KHXL-316[*]-RSC-[**]	39.00	42.00	41.20	44.20	2.35
	1/4"	KHXL-14[*]-RSC-[**]	41.00	43.00	44.80	47.80	4.15
	5/16"	†KHXL-516[*]-RSC-[**]	50.00	52.00	56.50	58.50	6.50
	3/8"	†KHXL-38[*]-RSC-[**]	55.00	57.00	64.30	66.30	9.30
OMEGA-P <sup>®</sup> -OMEGA-N <sup>®</sup> XL Sheath <b>N</b>	1/16"	NHXL-116[*]-RSC-[**]	\$36.00	\$43.00	\$36.80	\$43.80	\$0.85
	1/8"	NHXL-18[*]-RSC-[**]	37.00	44.00	38.60	45.60	1.75
	3/16"	NHXL-316[*]-RSC-[**]	39.00	42.00	41.20	43.80	2.35
	1/4"	NHXL-14[*]-RSC-[**]	41.00	43.00	44.80	47.80	4.15
	5/16"	†NHXL-516[*]-RSC-[**]	50.00	52.00	56.50	58.50	6.50
	3/8"	†NHXL-38[*]-RSC-[**]	55.00	57.00	64.30	66.30	9.30

[\*]Specify junction type: **G** (Grounded), **E** (Exposed), **U** (Ungrounded) or **S** (Surface).

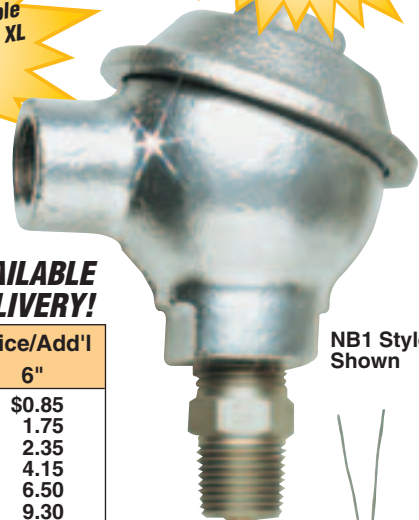
[\*\*]Specify Length in inches: 6, 12, 18 or 24.

**Ordering Example:** KHXL-14G-RSC-12, Utility Handle Probe, Type K (CHROME<sup>®</sup>-ALOMEGA<sup>®</sup>), SUPER OMEGACLAD<sup>®</sup> XL sheath, 1/4" O.D., grounded junction, 12" length, supplied with a miniature connector (SMP) Termination, \$41.

†Please Note: These diameters will be manually assembled, not molded.

**For models with Metric Dimensions See Pages A-47 and A-48**

**All Industrial Head Probe Styles are available in SUPER OMEGACLAD<sup>®</sup> XL Design! See Pages A-135 to A-140**



NB1 Style Head Shown

Products shown smaller than actual size.



### Junction Types

Grounded



Exposed



Ungrounded



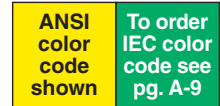


# Super OMEGACLAD® XL Probes

## Very Low Drift at High Temperatures

Super Accurate, Super Stable, Super Value - **Metric** Dimensions

- ✓ For Use Up to 1335°C (2440°F)
- ✓ Excellent Long Term Stability at High Temperatures
- ✓ Larger Diameter Available (Consult Sales)



**ALL MODELS AVAILABLE FOR FAST DELIVERY!**

Universal Connector and Cable Clamp Included

### Metric Dimension - Quick Connect Probes

Alloy/ANSI Color Code	Sheath Dia. mm	Model Number ANSI Color Code	Junction Type				Price/Add'l
			G/E	U	G/E	U	
<b>MOLDED STANDARD CONNECTOR</b>			<b>300 mm Length</b>		<b>450 mm Length</b>		<b>150 mm</b>
CHROMEQA®-ALOMEGA® XL Sheath <b>K</b>	1.5	KQXL-M15[*]-[**]	\$26.00	\$30.00	\$26.80	\$30.80	\$0.85
	3.0	KQXL-M30[*]-[**]	27.00	30.00	26.80	31.60	1.75
	4.5	KQXL-M45[*]-[**]	29.00	31.00	31.00	33.20	2.35
	6.0	KQXL-M60[*]-[**]	30.00	33.80	37.80	37.80	4.15
OMEGA-P®-OMEGA-N® XL Sheath <b>N</b>	1.5	NQXL-M15[*]-[**]	26.00	30.00	26.80	30.80	0.85
	3.0	NQXL-M30[*]-[**]	27.00	30.00	28.60	31.60	1.75
	4.5	NQXL-M45[*]-[**]	29.00	31.00	31.00	33.20	2.35
	6.0	NQXL-M60[*]-[**]	30.00	38.50	33.80	37.80	4.15
<b>MINIATURE CONNECTOR</b>			<b>150 mm Length</b>		<b>300 mm Length</b>		<b>Add'l 150 mm</b>
CHROMEQA®-ALOMEGA® XL Sheath <b>K</b>	0.25	KMQXL-M025[*]-[**]	\$51.00	\$71.00	\$72.99	\$72.99	\$1.25
	0.5	KMQXL-M050[*]-[**]	31.00	33.00	31.65	33.65	0.69
	0.75	KMQXL-M075[*]-[**]	31.00	33.00	31.65	33.65	0.69
	1.0	KMQXL-M100[*]-[**]	31.00	33.00	31.65	33.65	0.69
	1.5	KMQXL-M150[*]-[**]	27.00	29.00	29.80	29.80	0.85
3.0	KMQXL-M300[*]-[**]	27.00	29.00	29.80	29.80	1.75	
OMEGA-P®-OMEGA-N® XL Sheath <b>N</b>	0.5	NMQXL-M050[*]-[**]	31.00	33.00	31.65	33.65	0.69
	0.75	NMQXL-M075[*]-[**]	31.00	33.00	31.65	33.65	0.69
	1.0	NMQXL-M100[*]-[**]	31.00	33.00	31.65	33.65	0.69
	1.5	NMQXL-M150[*]-[**]	27.00	29.00	29.80	29.80	0.85
	3.0	NMQXL-M300[*]-[**]	27.00	29.00	29.80	29.80	1.75



### Metric Dimension - Transition Junction Probes

Alloy/ANSI Color Code	Sheath Dia. mm	Model Number ANSI Color Code	Junction Type				Price/Add'l
			G/E	U	G/E	U	
<b>HEAVY DUTY TRANSITION JUNCTION PROBE</b>			<b>300 mm Length</b>		<b>450 mm Length</b>		<b>150 mm</b>
CHROMEQA®-ALOMEGA® XL Sheath <b>K</b>	1.5	TJ36-CAXL-M15[*]-[**]	\$31.00	\$33.00	\$31.80	\$33.80	\$0.85
	3.0	TJ36-CAXL-M30[*]-[**]	31.00	33.00	33.00	34.60	1.75
	4.5	TJ36-CAXL-M45[*]-[**]	32.00	34.00	34.20	36.20	2.40
	6.0	TJ36-CAXL-M60[*]-[**]	38.00	40.00	41.80	43.80	4.15
	8.0	TJ36-CAXL-M80[*]-[**]	44.00	46.00	50.00	52.00	6.50
9.5	TJ36-CAXL-M95[*]-[**]	50.00	52.00	59.00	61.00	9.30	
OMEGA-P®-OMEGA-N® XL Sheath <b>N</b>	1.5	TJ36-NNXL-M15[*]-[**]	31.00	33.00	31.80	33.80	0.85
	3.0	TJ36-NNXL-M30[*]-[**]	31.00	33.00	33.00	34.60	1.75
	4.5	TJ36-NNXL-M45[*]-[**]	32.00	34.00	34.20	36.20	2.40
	6.0	TJ36-NNXL-M60[*]-[**]	38.00	40.00	41.80	43.80	4.15
	8.0	TJ36-NNXL-M80[*]-[**]	44.00	46.00	50.00	52.00	6.50
9.5	TJ36-NNXL-M95[*]-[**]	50.00	52.00	59.00	61.00	9.30	
<b>MINIATURE TRANSITION JUNCTION PROBE</b>			<b>150 mm Length</b>		<b>300 mm Length</b>		<b>Add'l 150 mm</b>
CHROMEQA®-ALOMEGA® XL Sheath <b>K</b>	0.25	KMTXL-M025[*]-[**]	\$51.00	\$71.00	\$43.80	\$72.00	\$1.25
	0.5	KMTXL-M050[*]-[**]	31.00	33.00	31.65	33.65	0.69
	0.75	KMTXL-M075[*]-[**]	31.00	33.00	31.65	33.65	0.69
	1.0	KMTXL-M100[*]-[**]	31.00	33.00	31.65	33.65	0.69
	1.5	KMTXL-M150[*]-[**]	27.00	29.00	27.80	29.80	0.85
3.0	KMTXL-M300[*]-[**]	27.00	29.00	27.95	29.80	1.76	
OMEGA-P®-OMEGA-N® XL Sheath <b>N</b>	0.5	NMTXL-M050[*]-[**]	31.00	33.00	31.65	33.65	0.69
	0.75	NMTXL-M075[*]-[**]	31.00	33.00	31.65	33.65	0.69
	1.0	NMTXL-M100[*]-[**]	31.00	33.00	31.65	33.65	0.69
	1.5	NMTXL-M150[*]-[**]	27.00	29.00	27.80	29.80	0.85
	3.0	NMTXL-M300[*]-[**]	27.00	29.00	27.95	29.80	1.76

**Note:** Probes with 0.75 mm diameter and larger are supplied with molded transition joints. Smaller sized probes are supplied with stainless steel transition joints.

[\*]Specify junction type: **G** (Grounded), **E** (Exposed), or **U** (Ungrounded)

[\*\*]Specify Length in millimeters: **150 mm, 300 mm, 450 mm, 600 mm.**

**Ordering Example for Quick Connect Probes:** KQXL-M30U-300, Molded Quick Connect Probe, Type K (CHROMEQA®-ALOMEGA®), SUPER OMEGACLAD® XL sheath, 3 mm O.D., ungrounded junction, 300 mm length, \$30.

**Ordering Example for Transition Junction Probes:** TJ36-CAXL-M60G-300, Heavy Duty Transition Junction Probe, Type K (CHROMEQA®-ALOMEGA®), SUPER OMEGACLAD® XL sheath, 6 mm O.D., grounded junction, 300 mm length, \$38.

# Super OMEGACLAD® XL Probes



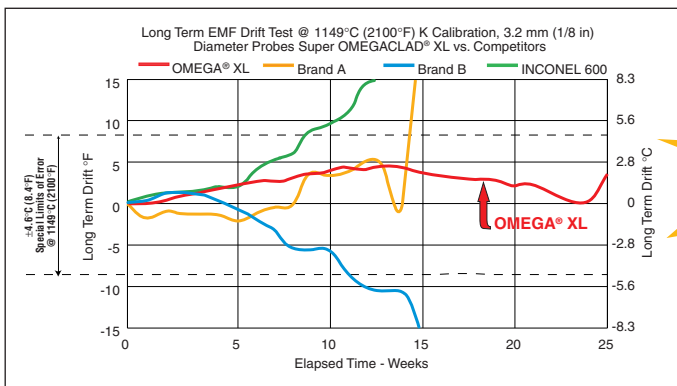
Available in Most Thermocouple Probe Styles & Designs with **Metric** Dimensions

**ANSI color code shown**  
To order IEC color code see pg. A-9

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



- Standard and Miniature Size Quick-Connect and Molded Transition Junction Probes
- Rugged Industrial Head Styles, Replacement Probes and Utility Handle Probes
- All Standard Lengths Available from Stock - 6", 12", 18" and 24"



For models with Standard Dimensions See Pages A-45 and A-46

All Industrial Head Probe Styles are available in SUPER OMEGACLAD® XL Design! See Pages A-135 to A-140



NB1 Style Shown

## Metric Dimension - Industrial Head Probe Assemblies & Replacement Probes

**ALL MODELS AVAILABLE FOR FAST DELIVERY!**

Alloy/ANSI Color Code	Sheath Dia. mm	Model Number ANSI Color Code	300 mm Length		450 mm Length		Price/Add'l 150mm
			G/E	U	G/E	U	
CHROMEQA®-ALOMEGA® XL Sheath <b>K</b>	1.5	NB(*)-CAXL-M15[*]-[**]	\$45.00	\$47.00	\$45.80	\$47.90	\$0.85
	3.0	NB(*)-CAXL-M30[*]-[**]	45.00	47.00	46.75	48.75	1.75
	4.5	NB(*)-CAXL-M45[*]-[**]	46.00	48.00	48.40	50.40	2.35
	6.0	NB(*)-CAXL-M60[*]-[**]	50.00	52.00	54.15	56.15	4.15
	8.0	NB(*)-CAXL-M80[*]-[**]	56.00	58.00	62.50	64.50	6.50
	9.5	NB(*)-CAXL-M95[*]-[**]	62.00	64.00	63.30	65.30	9.30
OMEGA-P®-OMEGA-N® XL Sheath <b>N</b>	1.5	NB(*)-NNXL-M15[*]-[**]	\$45.00	\$47.00	\$45.80	\$47.90	\$0.85
	3.0	NB(*)-NNXL-M30[*]-[**]	45.00	47.00	46.75	48.75	1.75
	4.5	NB(*)-NNXL-M45[*]-[**]	46.00	48.00	48.40	50.40	2.35
	6.0	NB(*)-NNXL-M60[*]-[**]	50.00	52.00	54.15	56.15	4.15
	8.0	NB(*)-CAXL-M80[*]-[**]	56.00	58.00	62.50	64.50	6.50
	9.5	NB(*)-CAXL-M95[*]-[**]	62.00	64.00	63.30	65.30	9.30

(\*)Specify Head Style from pages A-135 to A-140: 1 (NB1), 2 (NB2), 3 (NB3), 4 (NB4), 5 (NB5), 6 (NB6), 7 (NB7), 8 (NB8), 9 (NB9), 10 (NB10), 11 (NB11), 12 (NB12)

[\*]Specify junction type: **G** (Grounded), **E** (Exposed), **U** (Ungrounded) or **S** (Surface).

[\*\*]Specify Length in millimeters: 150 mm, 300 mm, 450 mm or 600 mm.

**Ordering Example:** NB1-CAXL-M60G-300 Industrial Head Probe, NB1 Style Head, Type K (CHROMEQA®-ALOMEGA®) SUPER OMEGACLAD® XL sheath, 6 mm O.D., grounded junction, 300 mm length, \$50.

To order a replacement probe for a head assembly, add "RP" to the part number and subtract \$14 from the price above.

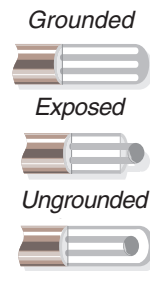
**Ordering Example:** NB1-CAXL-M60G-300-RP, Industrial Head Replacement Probe, for NB1 Style Head Assembly, Type K (CHROMEQA®-ALOMEGA®), SUPER OMEGACLAD® XL sheath, 6 mm O.D., grounded junction, 300 mm length, \$36.

Products shown smaller than actual size.

## Metric Dimension - Utility Handle Probes

Alloy/ANSI Color Code	Sheath Dia. mm	Model Number ANSI Color Code	Junction Types				Price/Add'l 150 mm
			300 mm Length		450 mm Length		
			G/E	U	G/E	U	
CHROMEQA®-ALOMEGA® XL Sheath <b>K</b>	1.5	KHXL-M15[*]-RSC-[**]	\$36.00	\$43.00	\$36.80	\$43.80	\$0.85
	3.0	KHXL-M30[*]-RSC-[**]	37.00	44.00	38.60	45.60	1.75
	4.5	KHXL-M45[*]-RSC-[**]	39.00	42.00	41.20	44.20	2.35
	6.0	KHXL-M60[*]-RSC-[**]	41.00	43.00	44.80	47.80	4.15
	8.0	†KHXL-M80[*]-RSC-[**]	50.00	52.00	56.50	58.50	6.50
	9.5	†KHXL-M95[*]-RSC-[**]	55.00	57.00	64.30	66.30	9.30
OMEGA-P®-OMEGA-N® XL Sheath <b>N</b>	1.5	NHXL-M15[*]-RSC-[**]	\$36.00	\$43.00	\$36.80	\$43.80	\$0.85
	3.0	NHXL-M30[*]-RSC-[**]	37.00	44.00	38.60	45.60	1.75
	4.5	NHXL-M45[*]-RSC-[**]	39.00	42.00	41.20	47.80	2.35
	6.0	NHXL-M60[*]-RSC-[**]	41.00	43.00	44.80	58.50	4.15
	8.0	†NHXL-M80[*]-RSC-[**]	50.00	52.00	56.50	93.00	6.50
	9.5	†NHXL-M95[*]-RSC-[**]	55.00	57.00	64.30	66.00	9.30

### Junction Types



[\*]Specify junction type: **G** (Grounded), **E** (Exposed), **U** (Ungrounded) or **S** (Surface).

[\*\*]Specify Length in millimeters: 150 mm, 300 mm, 450 mm, or 600 mm. †Note: These diameters will be assembled manually, not molded.

**Ordering Example:** KHXL-M60G-RSC-300, Utility Handle Probe, Type K (CHROMEQA®-ALOMEGA®), SUPER OMEGACLAD® XL sheath, 6 mm O.D., grounded junction, 300 mm length, supplied with a miniature connector (SMP) Termination, \$41.



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