Super OMEGACLAD® XL **Thermocouple Probes**



An Exclusive

OMEGA

Manufactured

Innovation

A Technological Advance in Temperature Measurement

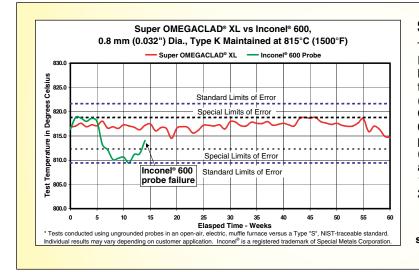


KQXL-18U-12, shown smaller than actual size.

- Thermocouple Technology from OMEGA for K and N Calibrations Only
- Super Stable Temperature Drift— Less than 2.8°C in 25 weeks
- Better Performance at a Smaller Size—0.8 mm Probe Withstands 815°C (1500°F) for 3 Years
- Probe Life Expectancy up to 10 Times Greater than Competing Devices*
- Handles Temperatures Up to 1335°C (2400°F)

OMEGA brings you the Super OMEGACLAD[®] XL Thermocouple Probe family, the exclusive

innovation in thermocouple technology. Manufactured using state-of-the-art processes for mineral insulated (MI) thermocouple cable and finished thermocouple probe assemblies, these temperature sensors maximize performance, even at extremely small diameters. The devices resist carburization, oxidation, and chlorination in tough environments.



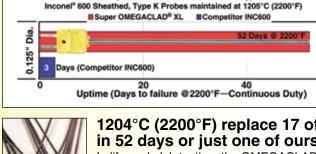
Life Performance of Super OMEGACLAD® XL Sheathed, Type K Probes versus

Small Size, Big Performance! Typical 0.8 mm (0.032") Dia. Type K probes 0.250" have a maximum temperature of 700°C 2 25 sec* (1260°F). Our Super **OMEGÁCLAD® XL** 0.8 mm (0.032") Dia. 0.125" probe took on 815°C 0.55 sec** (1500°F) for 3 years and even reached 0.062" 1000°C (1832°F) for 2 months! 0.3 sec** 0.032" Probes shown ~50% ~0.25 sec** smaller than actual size. ** Approx. response time—ungrounded in water

Long Life, Low Maintenance! If your application operates at the punishing

temperature of nearly 1204°C (2200°F), changing out failed thermocouples costs money in excessive maintenance, slows or cuts production, and can cause inconsistent product quality.

In head-to-head tests, Super OMEGACLAD® XL Thermocouple probes consistently post the best performance results. Our innovative temperature sensors last upwards of 10 times or longer when compared to competitors' Inconel[®] 600 sheathed probes of equal or larger diameters. Let OMEGA's leading edge products help engineer your next innovation!

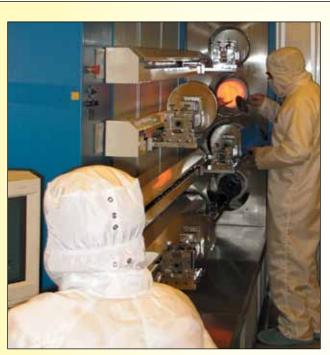


1204°C (2200°F) replace 17 of theirs in 52 days or just one of ours!

In life-cycle lab testing, the OMEGACLAD® XL sheathed, 0.125" Type K Probe operated continuously for 52 days at 1204°C (2200°F) while competitors' 0.125" Inconel® 600 sheathed, Type K probes lasted 3 days.t

t Results will vary on application and operating environment.

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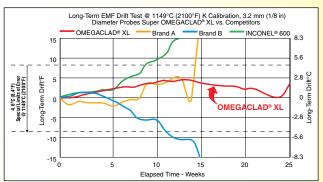
OMEGA's products making OMEGA's products. OMEGA uses Super OMEGACLAD® XL thermocouple probes in its Class 10 clean rooms to monitor critical process temperatures and achieve consistent, high-quality products.

NB1-CAXL-14U-12, shown

smaller than actual size.

Low Drift, Reliable Temperatures!

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

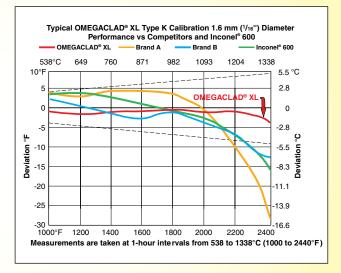


* Tests conducted using ungrounded probes in an open-air, electric, muffle furnace versus a Type "S", NIST-traceable standard. Individual results may vary depending on customer application. Inconel[®] is a registered trademark of Special Metals Corporation.



Look for this logo to identify probes available in Super OMEGACLAD® XL sheathed thermocouple wire and probes TJ36-CAXL-18U-12, shown smaller than actual size. Visit omega.com for OMEGA's Super OMEGACLAD[®] XL probe offerings.

Take on High Temperatures!



In tests up to 1335°C (2400°F), Super OMEGACLAD® XL outperformed both the Inconel® 600 and other competing high-temperature models.



Super OMEGACLAD® XL Probes Very Low Drift at High Temperatures

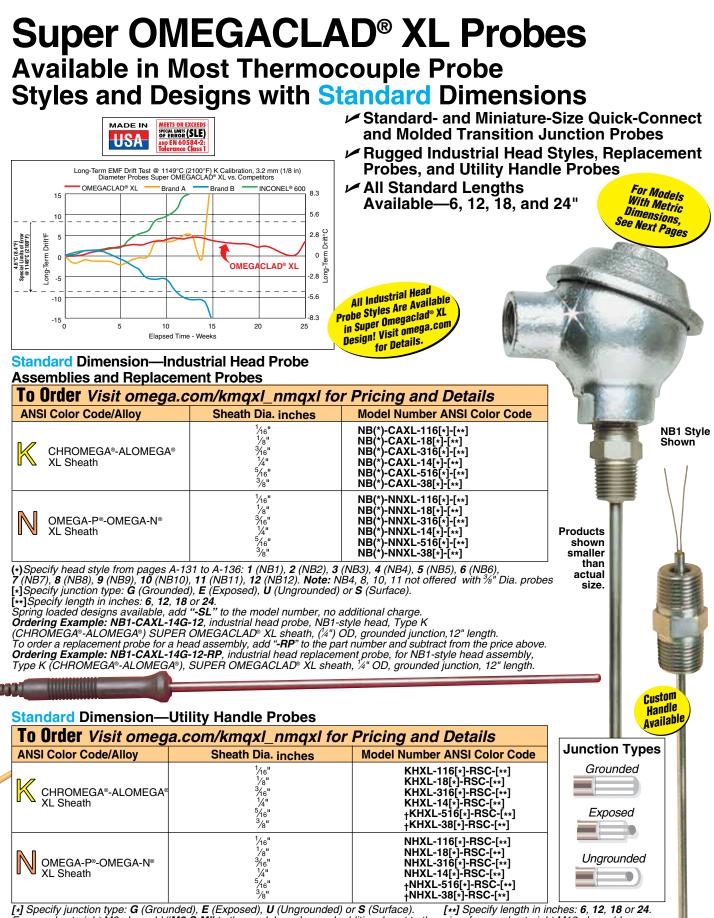
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		1/8"	KQXL-110[*]
0 00	XL Sheath	³ /16"	KQXL-316[*]
		<u>1/4"</u>	KQXL-14[*]
	MI OMEGA-P [®] -OMEGA-N [®]	1/16" 1/8"	NQXL-116[*] NQXL-18[*]
	N OMEGA-P [®] -OMEGA-N [®] XL Sheath	³ /16"	NQXL-316[*]
		1/4"	NQXL-14[*]
	MINIATURE CONNECTOR	0.010	
		0.010" 0.020"	KMQXL-010[∗] KMQXL-020[∗]
1000		0.032"	KMQXL-032[*]
	XL Sheath	0.040"	KMQXL-040[*]
8 4		0.062"	KMQXL-062[*]
		0.125" 0.020"	KMQXL-125[*] NMQXL-020[*]
		0.032"	NMQXL-032[*]
	N OMEGA-P®-OMEGA-N® XL Sheath	0.040"	NMQXL-040[*]
		0.062"	NMQXL-062[*]
		0.125"	
	Standard Dimension—Tran	nsition Junction Prob	Heavy-dut ES Miniature style
	To Order Visit omega.co	nsition Junction Prob m/kmqxl_nmqxl fo	es Miniature style r Pricing and Details
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The probes shown on this page are also available in our dual element configuration. Please contact the Sales Department at 1-800-TC-OMEGA for more details.	To Order Visit omega.co ANSI Color Code/Alloy S HEAVY DUTY TRANSITION JUNCTION K CHROMEGA®-ALOMEGA® XL Sheath N OMEGA-P®-OMEGA-N® MINIATURE TRANSITION JUNCTION K CHROMEGA®-ALOMEGA® MINIATURE TRANSITION JUNCTION K CHROMEGA®-ALOMEGA® XL Sheath MINIATURE TRANSITION JUNCTION MEGA-P®-OMEGA-N® XL Sheath	Asition Junction Prob Dm/kmqxl_nmqxl fo Sheath Dia. inches V PROBE ½% 0.010% </td <td>Heavy-dut Miniature style Pricing and Details Model Number ANSI Color Code TJ36-CAXL-116[*]-[**] TJ36-NNXL-116[*]-[**] TJ36-NNXL-116[*]-[**] TJ36-NNXL-116[*]-[**] TJ36-NNXL-116[*]-[**] TJ36-NNXL-116[*]-[**] TJ36-NNXL-116[*]-[**] TJ36-NNXL-1316[*]-[**] TJ36-NNXL-1316[*]-[**] TJ36-NNXL-1316[*]-[**] TJ36-NNXL-1316[*]-[**] TJ36-NNXL-14[*]-[**] TJ36-NNXL-14[*]-[**] KMTXL-020[*]-[**] KMTXL-020[*]-[**] KMTXL-020[*]-[**] KMTXL-020[*]-[**] NMTXL-020[*]-[**] NMTXL-020[*]-[**]</td>	Heavy-dut Miniature style Pricing and Details Model Number ANSI Color Code TJ36-CAXL-116[*]-[**] TJ36-NNXL-116[*]-[**] TJ36-NNXL-116[*]-[**] TJ36-NNXL-116[*]-[**] TJ36-NNXL-116[*]-[**] TJ36-NNXL-116[*]-[**] TJ36-NNXL-116[*]-[**] TJ36-NNXL-1316[*]-[**] TJ36-NNXL-1316[*]-[**] TJ36-NNXL-1316[*]-[**] TJ36-NNXL-1316[*]-[**] TJ36-NNXL-14[*]-[**] TJ36-NNXL-14[*]-[**] KMTXL-020[*]-[**] KMTXL-020[*]-[**] KMTXL-020[*]-[**] KMTXL-020[*]-[**] NMTXL-020[*]-[**] NMTXL-020[*]-[**]

add **"M12-S-M**" to the model number and additional cost to the price. **Ordering Example for Quick-Connect Probes: KQXL-18U-12**, molded quick-connect probe, Type K (CHROMEGA®-ALOMEGA®), SUPER OMEGACLAD® XL sheath, ¹/₈" OD, ungrounded junction, 12". **Ordering Example for Transition Junction Probes: TJ36-CAXL-14G-12**, heavy-duty transition junction probe, Type K (CHROMEGA®-ALOMEGA®), SUPER OMEGACLAD® XL sheath, ¹/₄" OD, grounded junction, 12".

actual size.

Standard size

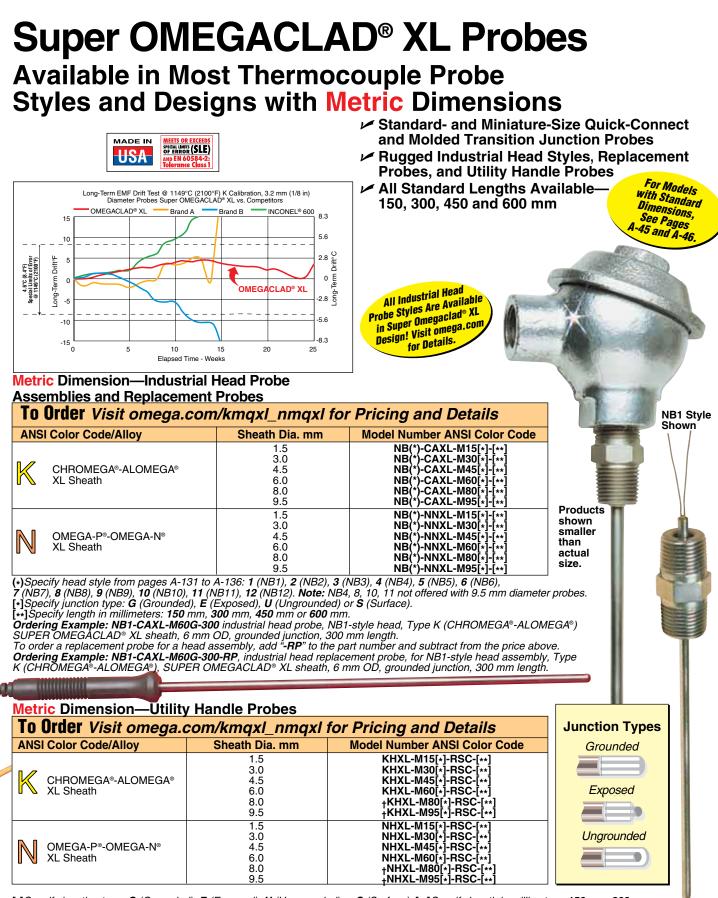


[*] Specify junction type: **G** (Grounded), **E** (Exposed), **U** (Ungrounded) or **S** (Surface). [**] Specify length in inches: **6**, **12**, **18** or **24**. For a male straight M8 plug add "**M8-S-M**" to the model number and additional cost to the price, for a male straight M12 plug add "**M12-S-M**" to the model number and additional cost to the price. For a male right-angled M8 plug add "**M8-R-M**" to the model number and additional cost to the price, for a male right-angled M12 plug add "**M12-S-M**" to the model number and additional cost to the price. **Ordering Example: KHXL-14G-RSC-12**, utility handle probe, Type K (CHROMEGA®-ALOMEGA®), SUPER OMEGACLAD® XL sheath, '4" OD, grounded junction, 12" length, supplied with a miniature connector (SMP) termination. ***Please Note:** These diameters will be manually assembled, not molded.

Super OMEGACLAD[®] XL Probes Very Low Drift at High Temperatures Super Accurate, Super Stable, Super Value—Metric Dimensions

Super Accu							
Universal	 For Use Up to 1335°C (24 Excellent Long-Term State at High Temperatures 	MADE IN USA Augusta unit of reno(SLE) Augusta Unit for a unit of reno(SLE) Augusta Unit for a unit					
connector	🛩 Larger Diameter Availab	· · · · · · · · · · · · · · · · · · ·					
and cable	Metric Dimension—Quick	-Connect Probes					
clamp included.	To Order Visit omega.c	om/kmaxl_nmaxl	for Pricing and Details				
*	ANSI Color Code/Alloy	Sheath Dia. mm	Model Number ANSI Color Code				
	MOLDED STANDARD CONNECTO		Model Number ANSI Color Code				
13	MOLDED STANDARD CONNECTO	1.5	KQXL-M15[*]				
		3.0	KQXL-M30[*]				
2 0 .	XL Sheath	4.5	KQXL-M45[*]				
		6.0	KQXL-M60[*]				
	M OMEGA-P®-OMEGA-N®	1.5 3.0	NQXL-M15[*] NQXL-M30[*]				
	XL Sheath	4.5	NQXL-M45[*]				
		6.0	NQXL-M60[*]				
	MINIATURE CONNECTOR	0.05					
		0.25 0.5	KMQXL-M025[*] KMQXL-M050[*]				
		0.75	KMQXL-M075[*]				
	XL Sheath	1.0	KMQXL-M100[*]				
6 6		1.5	KMQXL-M150[*]				
		<u>3.0</u> 0.5	KMQXL-M300[*] NMQXL-M050[*]				
	■ OMEGA-P®-OMEGA-N®	0.75	NMQXL-M030[*]				
	XL Sheath	1.0	NMQXL-M100[*]				
		1.5	NMQXL-M150[*]				
		3.0	NMQXL-M300[*]				
			Heavy-duty s				
	Metric Dimension—Trans						
	To Order Visit omega.com/kmqxl_nmqxl for Pricing and Details						
	ANSI Color Code/Alloy	Sheath Dia. mm	Model Number ANSI Color Code				
Dual Elements	HEAVY-DUTY TRANSITION JUNCT		l				
		1.5	TJ36-CAXL-M15[*]-[**]				
		1.5 3.0	TJ36-CAXL-M30[*]-[**]				
AN ON		1.5 3.0 4.5	TJ36-CAXL-M30[*]-[**] TJ36-CAXL-M45[*]-[**]				
		1.5 3.0	TJ36-CAXL-M30[*]-[**] TJ36-CAXL-M45[*]-[**] TJ36-CAXL-M60[*]-[**]				
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this page are also available in our dual	CHROMEGA®-ALOMEGA® XL Sheath N OMEGA-P®-OMEGA-N® XL Sheath	1.5 3.0 4.5 6.0 8.0 9.5 1.5 3.0 4.5 6.0 8.0	TJ36-CAXL-M30[*]-[**] TJ36-CAXL-M45[*]-[**] TJ36-CAXL-M60[*]-[**] TJ36-CAXL-M90[*]-[**] TJ36-CAXL-M95[*]-[**] TJ36-NNXL-M15[*]-[**] TJ36-NNXL-M45[*]-[**] TJ36-NNXL-M45[*]-[**] TJ36-NNXL-M60[*]-[**] TJ36-NNXL-M60[*]-[**]				
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this page are also available in our dual element configuration. Please contact the Sales Department at 1-800-TC-OMEGA for more details.	CHROMEGA®-ALOMEGA® XL Sheath N OMEGA-P®-OMEGA-N® XL Sheath MINIATURE TRANSITION JUNCTI CHROMEGA®-ALOMEGA® XL Sheath	1.5 3.0 4.5 6.0 8.0 9.5 1.5 3.0 4.5 6.0 8.0 9.5 0.25 0.25 0.75 1.0 1.5 3.0 0.75 1.0 1.5 3.0 0.75 1.0 1.5 3.0 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.75 1.0 1.5 3.0 0.75 1.0 1.5 3.0 0.75 1.0 1.5 3.0 0.75 1.0 1.5 3.0 0.75 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	TJ36-CAXL-M30[*]-[**] TJ36-CAXL-M45[*]-[**] TJ36-CAXL-M60[*]-[**] TJ36-CAXL-M80[*]-[**] TJ36-CAXL-M95[*]-[**] TJ36-NNXL-M15[*]-[**] TJ36-NNXL-M15[*]-[**] TJ36-NNXL-M60[*]-[**] TJ36-NNXL-M60[*]-[**] TJ36-NNXL-M80[*]-[**] TJ36-NNXL-M95[*]-[**] KMTXL-M050[*]-[**] KMTXL-M075[*]-[**] KMTXL-M100[*]-[**] KMTXL-M100[*]-[**] NMTXL-M075[*]-[**] NMTXL-M075[*]-[**] NMTXL-M075[*]-[**] NMTXL-M075[*]-[**]				
this page are also available in our dual element configuration. Please contact the Sales Department at 1-800-TC-OMEGA for more details.	CHROMEGA®-ALOMEGA® XL Sheath N OMEGA-P®-OMEGA-N® XL Sheath MINIATURE TRANSITION JUNCTI CHROMEGA®-ALOMEGA® XL Sheath OMEGA-P®-OMEGA-N®	1.5 3.0 4.5 6.0 8.0 9.5 1.5 3.0 4.5 6.0 8.0 9.5 0.25 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 1.5 3.0 1.5 3.0 1.5 3.0 1.5 3.0 1.5 3.0 1.5 3.0 1.5 3.0 1.5 3.0 1.5 3.0 1.5 3.0 1.5 3.0 1.5 3.0 1.5 3.0 1.5 3.0 1.5 3.0 1.5 3.0 3.0 1.5 3.0 1.5 3.0 1.5 3.0 1.5 3.0 1.5 3.0 1.5 3.0 1.5 3.0 1.5 3.0 1.5 3.0 1.5 3.0 3.0 3.0 3.5 0.25 0.75 1.0 1.5 3.0 1.5 3.0 1.5 3.0 1.5 3.0 1.5 3.0 1.5 3.0 3.0 1.5 3.0 1.5 3.0 1.5 3.0 1.5 3.0 1.5 3.0 1.5 3.0 1.5 3.0 1.5 1.0 1.5 3.0 1.5 3.0 1.5 1.0 1.5 3.0 1.5 3.0 1.5 1.0 1.5 3.0 1.5 3.0 1.5 3.0 1.5 1.0 1.5 3.0 1.5 1.0 1.5 3.0 1.5 1.0 1.5 1.0 1.5 3.0 1.5 1.5 1.0 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	TJ36-CAXL-M30[*]-[**] TJ36-CAXL-M45[*]-[**] TJ36-CAXL-M45[*]-[**] TJ36-CAXL-M95[*]-[**] TJ36-CAXL-M95[*]-[**] TJ36-NNXL-M95[*]-[**] TJ36-NNXL-M30[*]-[**] TJ36-NNXL-M80[*]-[**] TJ36-NNXL-M80[*]-[**] TJ36-NNXL-M95[*]-[**] KMTXL-M050[*]-[**] KMTXL-M050[*]-[**] KMTXL-M050[*]-[**] KMTXL-M150[*]-[**] KMTXL-M150[*]-[**] NMTXL-M050[*]-[**] NMTXL-M050[*]-[**] NMTXL-M050[*]-[**] NMTXL-M050[*]-[**] NMTXL-M150[*]-[**] NMTXL-M150[*]-[**]				
this page are also available in our dual element configuration. Please contact the Sales Department at 1-800-TC-OMEGA for more details. Miniature size Both models include mating	 CHROMEGA®-ALOMEGA® XL Sheath M OMEGA-P®-OMEGA-N® XL Sheath MINIATURE TRANSITION JUNCTION CHROMEGA®-ALOMEGA® XL Sheath M OMEGA-P®-OMEGA-N® XL Sheath M OMEGA-P®-OMEGA-N® XL Sheath 	1.5 3.0 4.5 6.0 8.0 9.5 1.5 3.0 4.5 6.0 8.0 9.5 ON PROBE 0.25 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 0.5 0.75 1.0 0.5 0.75 1.0 0.5 0.75 1.0 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.5 0.75 0.0 0.5 0.75 0.75 0.0 0.5 0.75 0.0 0.0	TJ36-CAXL-M30[*]-[**] TJ36-CAXL-M45[*]-[**] TJ36-CAXL-M45[*]-[**] TJ36-CAXL-M90[*]-[**] TJ36-CAXL-M95[*]-[**] TJ36-CAXL-M95[*]-[**] TJ36-NNXL-M15[*]-[**] TJ36-NNXL-M30[*]-[**] TJ36-NNXL-M45[*]-[**] TJ36-NNXL-M45[*]-[**] TJ36-NNXL-M45[*]-[**] TJ36-NNXL-M45[*]-[**] TJ36-NNXL-M45[*]-[**] TJ36-NNXL-M45[*]-[**] TJ36-NNXL-M45[*]-[**] KMTXL-M05[*]-[**] KMTXL-M055[*]-[**] KMTXL-M050[*]-[**] KMTXL-M050[*]-[**] KMTXL-M050[*]-[**] NMTXL-M050[*]-[**] NMTXL-M150[*]-[**] NMTXL-M050[*]-[**] NMTXL-M300[*]-[**] NMTXL-M300[*]-[**] NMTXL-M300[*]-[**]				
this page are also available in our dual element configuration. Please contact the Sales Department at 1-800-TC-OMEGA for more details. Miniature size Both models include mating connector with	 CHROMEGA®-ALOMEGA® XL Sheath M OMEGA-P®-OMEGA-N® XL Sheath MINIATURE TRANSITION JUNCTI CHROMEGA®-ALOMEGA® XL Sheath M OMEGA-P®-OMEGA-N® XL Sheath Note: Probes with 0.75 mm diameter are supplied with stainless steel trans 	1.5 3.0 4.5 6.0 8.0 9.5 1.5 3.0 4.5 6.0 8.0 9.5 ON PROBE 0.25 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 0.5 0.75 1.0 0.5 0.75 1.0 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 0.5 0.75 1.0 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 0.5 0.75 1.0 0.5 0.75 1.0 0.5 0.75 1.0 0.5 0.75 1.0 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.75 1.0 1.5 3.0 0.75 1.0 1.5 3.0 0.75 1.0 1.5 3.0 0.75 1.0 1.5 3.0 0.75 1.0 1.5 3.0 0.75 1.0 1.5 3.0 0 1.5 3.0 0 1.5 3.0 0 1.5 3.0 0 1.5 3.0 0 1.5 3.0 1.5 3.0 1.5 3.0 1.5 3.0 1.5 3.0 1.5 3.0 1.5 3.0 1.5 3.0 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	TJ36-CAXL-M30[*]-[**] TJ36-CAXL-M45[*]-[**] TJ36-CAXL-M45[*]-[**] TJ36-CAXL-M90[*]-[**] TJ36-CAXL-M90[*]-[**] TJ36-CAXL-M95[*]-[**] TJ36-CAXL-M95[*]-[**] TJ36-CAXL-M95[*]-[**] TJ36-NNXL-M15[*]-[**] TJ36-NNXL-M30[*]-[**] TJ36-NNXL-M45[*]-[**] TJ36-NNXL-M45[*]-[**] TJ36-NNXL-M45[*]-[**] TJ36-NNXL-M95[*]-[**] TJ36-NNXL-M95[*]-[**] KMTXL-M025[*]-[**] KMTXL-M050[*]-[**] KMTXL-M050[*]-[**] KMTXL-M100[*]-[**] NMTXL-M100[*]-[**] NMTXL-M050[*]-[**] NMTXL-M050[*]-[**] NMTXL-M100[*]-[**] NMTXL-M100[*]-[**] NMTXL-M100[*]-[**] NMTXL-M100[*]-[**] NMTXL-M100[*]-[**] NMTXL-M100[*]-[**] NMTXL-M100[*]-[**] NMTXL-M100[*]-[**] NMTXL-M100[*]-[**] NMTXL-M300[*]-[**] NMTXL-M300[*]-[**] NMTXL-M300[*]-[**] NMTXL-M300[*]-[**] NMTXL-M300[*]-[**] NMTXL-M300[*]-[**] NMTXL-M30				
this page are also available in our dual element configuration. Please contact the Sales Department at 1-800-TC-OMEGA for more details.	 CHROMEGA®-ALOMEGA® XL Sheath M OMEGA-P®-OMEGA-N® XL Sheath MINIATURE TRANSITION JUNCTION CHROMEGA®-ALOMEGA® XL Sheath M OMEGA-P®-OMEGA-N® XL Sheath M OMEGA-P®-OMEGA-N® XL Sheath 	1.5 3.0 4.5 6.0 8.0 9.5 1.5 3.0 4.5 6.0 8.0 9.5 ON PROBE 0.25 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0 0 0 0 0 0 0 0 0 0 0 0 0	TJ36-CAXL-M30[*]-[**] TJ36-CAXL-M45[*]-[**] TJ36-CAXL-M45[*]-[**] TJ36-CAXL-M80[*]-[**] TJ36-CAXL-M95[*]-[**] TJ36-CAXL-M95[*]-[**] TJ36-CAXL-M95[*]-[**] TJ36-CAXL-M95[*]-[**] TJ36-NNXL-M15[*]-[**] TJ36-NNXL-M30[*]-[**] TJ36-NNXL-M45[*]-[**] TJ36-NNXL-M45[*]-[**] TJ36-NNXL-M80[*]-[**] TJ36-NNXL-M80[*]-[**] TJ36-NNXL-M95[*]-[**] KMTXL-M050[*]-[**] KMTXL-M050[*]-[**] KMTXL-M050[*]-[**] KMTXL-M050[*]-[**] KMTXL-M050[*]-[**] NMTXL-M150[*]-[**] NMTXL-M050[*]-[**] NMTXL-M150[*]-[**] NMTXL-M100[*]-[**] NMTXL-M100[*]-[**] NMTXL-M100[*]-[**] NMTXL-M150[*]-[**] NMTXL-M150[*]-[**] NMTXL-M150[*]-[**] NMTXL-M150[*]-[**] NMTXL-M150[*]-[**] NMTXL-M300[*]-[**] NMTXL-M300[*]-[**] NMTXL-M300[*]-[**] NMTXL-M300[*]-[**] NMTXL-M300[*]-[**] NMTXL-M300[*]-[**] NMTXL-M30				
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this page are also available in our dual element configuration. Please contact the Sales Department at 1-800-TC-OMEGA for more details. Miniature size Both models include mating connector with cable clamp	 CHROMEGA®-ALOMEGA® XL Sheath M OMEGA-P®-OMEGA-N® XL Sheath MINIATURE TRANSITION JUNCTI CHROMEGA®-ALOMEGA® XL Sheath CHROMEGA®-ALOMEGA® XL Sheath M OMEGA-P®-OMEGA-N® XL Sheath Note: Probes with 0.75 mm diameter are supplied with stainless steel trans [*]Specify junction type: "G" (Ground [**]Specify length in millimeters: "150 For a male straight M8 plug add "M12-S-M" to the model "M8-R-IM" to the model number and a model number and additional cost to to 	1.5 3.0 4.5 6.0 8.0 9.5 1.5 3.0 4.5 6.0 8.0 9.5 0.25 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.75 1.0 1.5 3.0 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.75 1.0 1.5 3.0 0.75 1.0 1.5 3.0 0.75 1.0 1.5 3.0 0.75 1.0 1.5 3.0 0.75 1.0 1.5 3.0 0.75 1.0 1.5 3.0 0.75 1.0 1.5 3.0 0.75 1.0 1.5 3.0 0.75 1.0 1.5 3.0 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0	TJ36-CAXL-M30[*]-[**] TJ36-CAXL-M45[*]-[**] TJ36-CAXL-M45[*]-[**] TJ36-CAXL-M90[*]-[**] TJ36-CAXL-M95[*]-[**] TJ36-CAXL-M95[*]-[**] TJ36-CAXL-M95[*]-[**] TJ36-CAXL-M95[*]-[**] TJ36-NNXL-M15[*]-[**] TJ36-NNXL-M30[*]-[**] TJ36-NNXL-M45[*]-[**] TJ36-NNXL-M45[*]-[**] TJ36-NNXL-M45[*]-[**] TJ36-NNXL-M45[*]-[**] TJ36-NNXL-M95[*]-[**] KMTXL-M05[*]-[**] KMTXL-M05[*]-[**] KMTXL-M05[*]-[**] KMTXL-M050[*]-[**] KMTXL-M050[*]-[**] KMTXL-M050[*]-[**] NMTXL-M005[*]-[**] NMTXL-M005[*]-[**] NMTXL-M005[*]-[**] NMTXL-M005[*]-[**] NMTXL-M005[*]-[**] NMTXL-M005[*]-[**] NMTXL-M005[*]-[**] NMTXL-M100[*]-[**] NMTXL-M100[*]-[**] NMTXL-M005[*]-[**] NMTXL-M100[*]-[**] NMTXL-M000[*]-[**] NMTXL-M100[*]-[**] NMTXL-M100[*]-[**] NMTXL-M100[*]-[**] NMTXL-M100[*]-[**] NMTXL-M100[*				
this page are also available in our dual element configuration. Please contact the Sales Department at 1-800-TC-OMEGA for more details. Miniature size Both models include mating connector with cable clamp	 CHROMEGA®-ALOMEGA® XL Sheath M OMEGA-P®-OMEGA-N® XL Sheath MINIATURE TRANSITION JUNCT CHROMEGA®-ALOMEGA® XL Sheath CHROMEGA®-ALOMEGA® XL Sheath M OMEGA-P®-OMEGA-N® XL Sheath Note: Probes with 0.75 mm diameter are supplied with stainless steel transs Specify junction type: "G" (Ground I*)Specify length in millimeters: "150 For a male straight M8 plug add "M8-S M12 plug add "M12-S-M" to the model "M8-R-M" to the model number and a model number and additional cost to to Ordering Example for Quick-Connec (CHROMEGA®-ALOMEGA®), SUPER 	1.5 3.0 4.5 6.0 8.0 9.5 1.5 3.0 4.5 6.0 8.0 9.5 0.75 0.75 1.0 1.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.75 1.0 1.5 3.0 0.75 1.0 1.5 3.0 0.5 0.75 1.0 1.5 3.0 0.75 1.0 1.0 1.5 3.0 0.75 1.0 1.5 3.0 0.75 1.0 1.0 1.5 3.0 0.75 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	TJ36-CAXL-M30[*]-[**] TJ36-CAXL-M45[*]-[**] TJ36-CAXL-M45[*]-[**] TJ36-CAXL-M90[*]-[**] TJ36-CAXL-M95[*]-[**] TJ36-CAXL-M95[*]-[**] TJ36-CAXL-M95[*]-[**] TJ36-CAXL-M95[*]-[**] TJ36-NNXL-M15[*]-[**] TJ36-NNXL-M30[*]-[**] TJ36-NNXL-M45[*]-[**] TJ36-NNXL-M45[*]-[**] TJ36-NNXL-M45[*]-[**] TJ36-NNXL-M45[*]-[**] TJ36-NNXL-M95[*]-[**] KMTXL-M05[*]-[**] KMTXL-M05[*]-[**] KMTXL-M05[*]-[**] KMTXL-M050[*]-[**] KMTXL-M050[*]-[**] KMTXL-M050[*]-[**] NMTXL-M005[*]-[**] NMTXL-M005[*]-[**] NMTXL-M005[*]-[**] NMTXL-M005[*]-[**] NMTXL-M005[*]-[**] NMTXL-M005[*]-[**] NMTXL-M005[*]-[**] NMTXL-M100[*]-[**] NMTXL-M100[*]-[**] NMTXL-M005[*]-[**] NMTXL-M100[*]-[**] NMTXL-M000[*]-[**] NMTXL-M100[*]-[**] NMTXL-M100[*]-[**] NMTXL-M100[*]-[**] NMTXL-M100[*]-[**] NMTXL-M100[*				

(CHROMEGA®-ALOMEGA®), SUPER OMEGACLAD® XL sheath, 3 mm OD, ungrounded junction, 300 mm length. Ordering Example for Transition Junction Probes: TJ36-CAXL-M60G-300, heavy-duty transition junction probe, Type K (CHROMEGA®-ALOMEGA®), SUPER OMEGACLAD® XL sheath, 6 mm OD, grounded junction, 300 mm length. A-47



[*]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. Order standard part number with a suffix "-PFA". Visit omega.com for additional price on 300 mm (12") probes, 450 mm (18") probes and 600 mm (24") probes. 200°C (400°F) max. **Note:** These diameters will be assembled manually, not molded. For a male straight M8 plug add "**M8-S-M**" to the model number and additional cost to the price, for a male straight M12 plug add "**M12-S-M**" to the model number and additional cost to the price, for a male straight M12 plug add "**M12-S-M**" to the model number and additional cost to the price.

Ordering Example: KHXL-M60G-RSC-300, utility handle probe, Type K (CHROMEGA®-ALOMEGA®), SUPER OMEGACLAD® XL sheath, 6 mm OD, grounded junction, 300 mm length, supplied with a miniature connector (SMP) termination.