

Super OMEGACLAD® XL Probes

Very Low Drift at High Temperatures

Super Accurate, Super Stable, Super Value—Standard Dimensions

- ✓ For Use Up to 1338°C (2400°F)
- ✓ Excellent Long-Term Stability at High Temperatures
- ✓ Larger Diameter Available (Consult Sales)



Universal connector and clamp included.



Standard Dimension—Quick-Connect Probes

To Order		
ANSI Color Code/Alloy	Sheath Dia. inches	Model Number ANSI Color Code
MOLDED STANDARD CONNECTOR		
K CHROMEQA®-ALOMEGA® XL Sheath	1/16	KQXL-116[*]-[**]
	1/8	KQXL-18[*]-[**]
	3/16	KQXL-316[*]-[**]
	1/4	KQXL-14[*]-[**]
N OMEGA-P®-OMEGA-N® XL Sheath	1/16	NQXL-116[*]-[**]
	1/8	NQXL-18[*]-[**]
	3/16	NQXL-316[*]-[**]
	1/4	NQXL-14[*]-[**]
MINIATURE CONNECTOR		
K CHROMEQA®-ALOMEGA® XL Sheath	0.010	SCAXL-010[*]-[**]
	0.020	SCAXL-020[*]-[**]
	0.032	SCAXL-032[*]-[**]
	0.040	KMQXL-040[*]-[**]
	0.062	KMQXL-062[*]-[**]
N OMEGA-P®-OMEGA-N® XL Sheath	0.020	SNNXL-020[*]-[**]
	0.032	SNNXL-032[*]-[**]
	0.040	NMQXL-040[*]-[**]
	0.062	NMQXL-062[*]-[**]
	0.125	NMQXL-125[*]-[**]

Standard Dimension—Transition Junction Probes

To Order		
ANSI Color Code/Alloy	Sheath Dia. (inches)	Model Number ANSI Color Code
HEAVY DUTY TRANSITION JUNCTION PROBE		
K CHROMEQA®-ALOMEGA® XL Sheath	1/16	TJ36-CAXL-116[*]-[**]
	1/8	TJ36-CAXL-18[*]-[**]
	3/16	TJ36-CAXL-316[*]-[**]
	1/4	TJ36-CAXL-14[*]-[**]
	5/16	TJ36-CAXL-516[*]-[**]
N OMEGA-P®-OMEGA-N® XL Sheath	1/16	TJ36-NNXL-116[*]-[**]
	1/8	TJ36-NNXL-18[*]-[**]
	3/16	TJ36-NNXL-316[*]-[**]
	1/4	TJ36-NNXL-14[*]-[**]
	5/16	TJ36-NNXL-516[*]-[**]
MINIATURE TRANSITION JUNCTION PROBE		
K CHROMEQA®-ALOMEGA® XL Sheath	0.010	KMTXL-010[*]-[**]
	0.020	KMTXL-020[*]-[**]
	0.032	KMTXL-032[*]-[**]
	0.040	KMTXL-040[*]-[**]
	0.062	KMTXL-062[*]-[**]
N OMEGA-P®-OMEGA-N® XL Sheath	0.020	NMTXL-020[*]-[**]
	0.032	NMTXL-032[*]-[**]
	0.040	NMTXL-040[*]-[**]
	0.062	NMTXL-062[*]-[**]
	0.125	NMTXL-125[*]-[**]

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

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

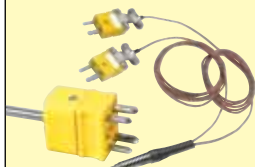
[**] Specify length in inches: "6", "12", "18" or "24".

For a male straight M8 plug add "M8-S-M" to the model number, for a male straight M12 plug add "M12-S-M" to the model number, for a male right-angled M8 plug add "M8-R-M" to the model number, for a male right-angled M12 plug 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 (CHROMEQA-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 (CHROMEQA-ALOMEGA), SUPER OMEGACLAD XL sheath, 1/4" OD, grounded junction, 12".

Dual Elements



The probes shown on this page are also available in our dual element configuration. Please contact OMEGA for more details.

Miniature size.

Both models include mating connector with cable clamp shown smaller than actual size.

Standard size.

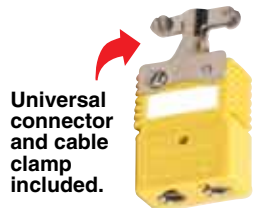
Super OMEGACLAD® XL Probes

Very Low Drift at High Temperatures

Super Accurate, Super Stable, Super Value—Metric Dimensions



- ✓ For Use Up to 1338°C (2400°F)
- ✓ Excellent Long-Term Stability at High Temperatures
- ✓ Larger Diameter Available (Consult Sales)



Metric Dimension—Quick-Connect Probes

To Order		
ANSI Color Code/Alloy	Sheath Dia. (mm)	Model Number ANSI Color Code
MOLDED STANDARD CONNECTOR		
K CHROMEGLA®-ALOMEGA® XL Sheath	1.5	KQXL-M15[*]-[**]
	3.0	KQXL-M30[*]-[**]
	4.5	KQXL-M45[*]-[**]
	6.0	KQXL-M60[*]-[**]
N OMEGA-P®-OMEGA-N® XL Sheath	1.5	NQXL-M15[*]-[**]
	3.0	NQXL-M30[*]-[**]
	4.5	NQXL-M45[*]-[**]
	6.0	NQXL-M60[*]-[**]
MINIATURE CONNECTOR		
K CHROMEGLA®-ALOMEGA® XL Sheath	0.25	KMQXL-M025[*]-[**]
	0.5	KMQXL-M050[*]-[**]
	0.75	KMQXL-M075[*]-[**]
	1.0	KMQXL-M100[*]-[**]
	1.5	KMQXL-M150[*]-[**]
	3.0	KMQXL-M300[*]-[**]
N OMEGA-P®-OMEGA-N® XL Sheath	0.5	NMQXL-M050[*]-[**]
	0.75	NMQXL-M075[*]-[**]
	1.0	NMQXL-M100[*]-[**]
	1.5	NMQXL-M150[*]-[**]
	3.0	NMQXL-M300[*]-[**]



Metric Dimension—Transition Junction Probes

Miniature style

To Order		
ANSI Color Code/Alloy	Sheath Dia. (mm)	Model Number ANSI Color Code
HEAVY-DUTY TRANSITION JUNCTION PROBE		
K CHROMEGLA®-ALOMEGA® XL Sheath	1.5	TJ36-CAXL-M15[*]-[**]
	3.0	TJ36-CAXL-M30[*]-[**]
	4.5	TJ36-CAXL-M45[*]-[**]
	6.0	TJ36-CAXL-M60[*]-[**]
	8.0	TJ36-CAXL-M80[*]-[**]
	9.5	TJ36-CAXL-M95[*]-[**]
N OMEGA-P®-OMEGA-N® XL Sheath	1.5	TJ36-NNXL-M15[*]-[**]
	3.0	TJ36-NNXL-M30[*]-[**]
	4.5	TJ36-NNXL-M45[*]-[**]
	6.0	TJ36-NNXL-M60[*]-[**]
	8.0	TJ36-NNXL-M80[*]-[**]
	9.5	TJ36-NNXL-M95[*]-[**]
MINIATURE TRANSITION JUNCTION PROBE		
K CHROMEGLA®-ALOMEGA® XL Sheath	0.25	KMTXL-M025[*]-[**]
	0.5	KMTXL-M050[*]-[**]
	0.75	KMTXL-M075[*]-[**]
	1.0	KMTXL-M100[*]-[**]
	1.5	KMTXL-M150[*]-[**]
	3.0	KMTXL-M300[*]-[**]
N OMEGA-P®-OMEGA-N® XL Sheath	0.5	NMTXL-M050[*]-[**]
	0.75	NMTXL-M075[*]-[**]
	1.0	NMTXL-M100[*]-[**]
	1.5	NMTXL-M150[*]-[**]
	3.0	NMTXL-M300[*]-[**]

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. Stripped leads standard.

[*] Specify junction type: "G" (Grounded), "E" (Exposed) or "U" (Ungrounded)
 [**] Specify length in millimeters: "150" mm, "300" mm, "450" mm, or "600" mm.

For a male straight M8 plug add "M8-S-M" to the model number, for a male straight M12 plug add "M12-S-M" to the model number, for a male right-angled M8 plug add "M8-R-M" to the model number, for a male right-angled M12 plug add "M12-S-M" to the model number and additional cost to the price.

Ordering Example for Quick-Connect Probes: KQXL-M30U-300, molded quick connect probe, Type K (CHROMEGLA-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 (CHROMEGLA-ALOMEGA), SUPER OMEGACLAD XL sheath, 6 mm OD, grounded junction, 300 mm length.

Dual Elements

The probes shown on this page are also available in our dual element configuration. Please contact OMEGA for more details.

Miniature size.

Both models include mating connector with cable clamp shown smaller than actual size.

Standard size.