

Super OMEGACLAD™ XL Probes

Very Low Drift at High Temperatures

CUSTOM ENGINEERING
TELL US WHAT YOU NEED AND WE'LL MAKE IT
Please see omega.co.uk

IEC colour code shown
To order ANSI colour code see pg. 49

Super Accurate, Super Stable, Super Value

- ✓ Exceptionally Long Lengths Available for Downhole Applications
- ✓ Made from Material That Meets or Exceeds Both ANSI Special Limits of Error and BS EN 60584-2:1993 Tolerance Class 1
- ✓ Dual Probes Available
- ✓ Excellent Long Term Stability at High Temperatures
- ✓ Up to 9.6 mm Diameter Sheath
- ✓ For Use Up to 1335°C

Both Models Include Mating Connector & Cable Clamp



Quick Connect Probes

ALL MODELS VERY POPULAR!

Thermocouple Alloy	Sheath Dia. mm	Model Number	Junction Types				Price per Add'l 150 mm	
			300 mm		450 mm			
STANDARD CONNECTOR			G/E	U	G/E	U		
CHROMEGLA™-ALOMEGA™ Super OMEGACLAD™XL Sheath	K	1.5	KQXL-IM15(*)-[-]**	£21.25	£24.50	£22.00	£25.50	£0.70
		3.0	KQXL-IM30(*)-[-]**	22.25	24.50	23.50	26.00	1.45
		4.5	KQXL-IM45(*)-[-]**	23.75	25.50	25.50	27.00	1.95
		6.0	KQXL-IM60(*)-[-]**	24.50	28.00	27.50	31.00	3.40
OMEGA-P™-OMEGA-N™ Super OMEGACLAD™XL Sheath	N	1.5	NQXL-IM15(*)-[-]**	21.25	24.50	22.00	25.50	0.70
		3.0	NQXL-IM30(*)-[-]**	22.25	24.50	23.50	26.00	1.45
		4.5	NQXL-IM45(*)-[-]**	23.75	25.50	25.50	27.00	1.95
		6.0	NQXL-IM60(*)-[-]**	24.50	28.00	27.50	31.00	3.40
MINIATURE CONNECTOR			150 mm		300 mm			
CHROMEGLA™-ALOMEGA™ Super OMEGACLAD™XL Sheath	K	0.25	KMQXL-IM025[*]-[-]**	£81.00	£113.00	£83.00	£115.00	£2.00
		0.5	KMQXL-IM050(*)-[-]**	25.50	27.00	26.00	27.50	0.55
		0.75	KMQXL-IM075(*)-[-]**	25.50	27.00	26.00	27.50	0.55
		1.0	KMQXL-IM100(*)-[-]**	25.50	27.00	26.00	27.50	0.55
		1.5	KMQXL-IM150(*)-[-]**	22.25	23.75	22.75	24.50	0.70
3.0	KMQXL-IM300(*)-[-]**	22.25	23.75	23.00	24.50	1.45		
OMEGA-P™-OMEGA-N™ Super OMEGACLAD™XL Sheath	N	0.25	NMQXL-IM025[*]-[-]**	£81.00	£113.00	£83.00	£115.00	£2.00
		0.5	NMQXL-IM050(*)-[-]**	25.50	27.00	26.00	27.50	0.55
		0.75	NMQXL-IM075(*)-[-]**	25.50	27.00	26.00	27.50	0.55
		1.0	NMQXL-IM100(*)-[-]**	25.50	27.00	26.00	27.50	0.55
		1.5	NMQXL-IM150(*)-[-]**	22.25	23.75	22.75	24.50	0.70
3.0	NMQXL-IM300(*)-[-]**	22.25	23.75	23.00	24.50	1.45		

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

**Specify Length in mm: 150, 300, 450, 600.

Ordering Example: KQXL-IM60G-300, Quick Connect Probe, type K (CHROMEGLA™-ALOMEGA™), SUPER OMEGACLAD™ XL sheath, 6 mm O.D., grounded junction, 300 mm length, £24.50

Transition Junction Probes See Page 73 for Termination and Lead Options

Heavy Duty Style

Thermocouple Alloy	Sheath Dia. mm	Model Number	Junction Types				Price per Add'l 150 mm	
			300 mm		450 mm			
HEAVY DUTY TRANSITION JUNCTION PROBE			G/E	U	G/E	U		
CHROMEGLA™-ALOMEGA™ Super OMEGACLAD™XL Sheath	K	1.5	TJ1-CAXL-IM15(*)-[-]**	£25.50	£27.00	£26.00	£27.50	£0.70
		3.0	TJ1-CAXL-IM30(*)-[-]**	25.50	27.00	26.50	28.50	1.45
		4.5	TJ1-CAXL-IM45(*)-[-]**	26.00	28.00	28.00	29.50	1.95
		6.0	TJ1-CAXL-IM60(*)-[-]**	31.00	33.00	34.50	36.00	3.40
		8.0	TJ1-CAXL-IM80(*)-[-]**	36.00	37.50	41.50	43.00	5.30
		9.6	TJ1-CAXL-IM96(*)-[-]**	41.00	42.50	48.50	50.00	7.60
OMEGA-P™-OMEGA-N™ Super OMEGACLAD™XL Sheath	N	1.5	TJ1-NNXL-IM15(*)-[-]**	25.50	27.00	26.00	27.50	0.70
		3.0	TJ1-NNXL-IM30(*)-[-]**	25.50	27.00	26.50	28.50	1.45
		4.5	TJ1-NNXL-IM45(*)-[-]**	26.00	28.00	28.00	29.50	1.95
		6.0	TJ1-NNXL-IM60(*)-[-]**	31.00	33.00	34.50	36.00	3.40
		8.0	TJ1-NNXL-IM80(*)-[-]**	36.00	37.50	41.50	43.00	5.30
		9.6	TJ1-NNXL-IM96(*)-[-]**	41.00	42.50	48.50	50.00	7.60
MINIATURE TRANSITION JUNCTION PROBE			150 mm		300 mm			
CHROMEGLA™-ALOMEGA™ Super OMEGACLAD™XL Sheath	K	0.5	KMTXL-IM050(*)-[-]**	£25.50	£27.00	£26.00	£27.50	£0.55
		0.75	KMTXL-IM075(*)-[-]**	25.50	27.00	26.00	27.50	0.55
		1.0	KMTXL-IM100(*)-[-]**	25.50	27.00	26.00	27.50	0.55
		1.5	KMTXL-IM150(*)-[-]**	22.25	23.75	22.75	24.50	0.70
		3.0	KMTXL-IM300(*)-[-]**	22.25	23.75	23.00	24.50	1.45
OMEGA-P™-OMEGA-N™ Super OMEGACLAD™XL Sheath	N	0.5	NMTXL-IM050(*)-[-]**	25.50	27.00	26.00	27.50	0.55
		0.75	NMTXL-IM075(*)-[-]**	25.50	27.00	26.00	27.50	0.55
		1.0	NMTXL-IM100(*)-[-]**	25.50	27.00	26.00	27.50	0.55
		1.5	NMTXL-IM150(*)-[-]**	22.25	23.75	22.75	24.50	0.70
		3.0	NMTXL-IM300(*)-[-]**	22.25	23.75	23.00	24.50	1.45

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

**Specify Length in mm: 150, 300, 450, 600.

Ordering Example: TJ1-CAXL-IM60G-300, Heavy Duty Transition Junction Probe, type K (CHROMEGLA™-ALOMEGA™), SUPER OMEGACLAD™ XL sheath, 6 mm O.D., grounded junction, 300 mm length £31.00

Miniature Size

Standard Size



Super OMEGACLAD™ XL Probes

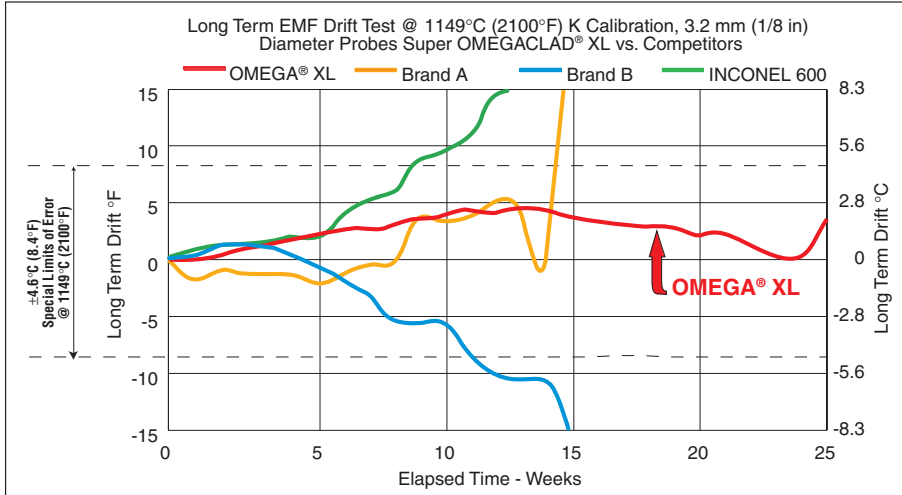
Available in Most Thermocouple Probe Styles & Designs

- **Standard** and **Miniature** Size Quick-Connect & Transition Junction Probes
- **Rugged Industrial Head** Styles, Replacement Probes & Utility Handle Probes

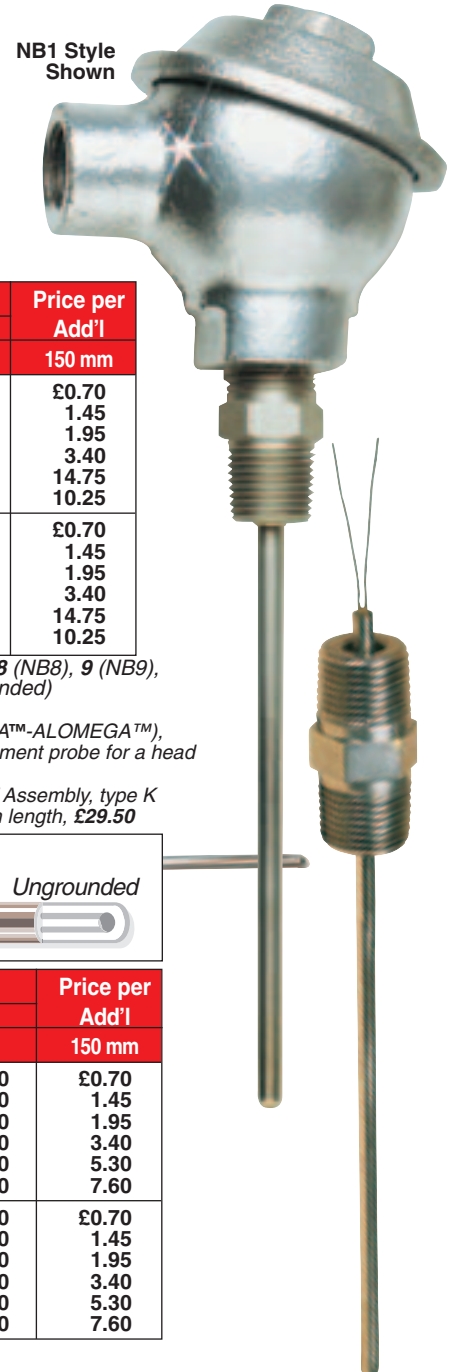
OMEGACLAD™
Factory CAL
AVAILABLE

IEC
colour
code
shown

To order
ANSI
colour
code see
pg. 49



Note: All Industrial Head Probe Styles featured on page 76 are available in OMEGACLAD™ XL Design!



Industrial Head Probe Assemblies & Replacement Probes

Thermocouple Alloy	Sheath Dia. mm	Model number	Junction Types				Price per Add'l 150 mm
			300 mm		450 mm		
			G/E	U	G/E	U	
CHROMEGLA™-ALOMEGA™ Super OMEGACLAD™ XL Sheath	1.5	NB(+)-CAXL-M15(*)-***	£37.00	£38.50	£37.50	£39.00	£0.70
	3.0	NB(+)-CAXL-M30(*)-***	37.00	38.50	38.50	40.00	1.45
	4.5	NB(+)-CAXL-M45(*)-***	37.50	39.50	39.50	41.50	1.95
	6.0	NB(+)-CAXL-M60(*)-***	41.00	42.50	44.50	46.00	3.40
	8.0	NB(+)-CAXL-M80(*)-***	76.00	80.00	91.00	95.00	14.75
	9.5	NB(+)-CAXL-M95(*)-***	67.00	70.00	77.00	80.00	10.25
OMEGA-P™ OMEGA-N™ Super OMEGACLAD™ XL Sheath	1.5	NB(+)-NNXL-M15(*)-***	£37.00	£38.50	£37.50	£39.00	£0.70
	3.0	NB(+)-NNXL-M30(*)-***	37.00	38.50	£38.50	40.00	1.45
	4.5	NB(+)-NNXL-M45(*)-***	37.50	39.50	£39.50	41.50	1.95
	6.0	NB(+)-NNXL-M60(*)-***	41.00	42.50	£44.50	46.00	3.40
	8.0	NB(+)-NNXL-M80(*)-***	76.00	80.00	91.00	95.00	14.75
	9.5	NB(+)-NNXL-M95(*)-***	67.00	70.00	77.00	80.00	10.25

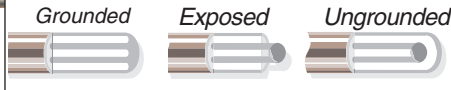
+ Specify Head Style from page 78 1 (NB1), 2 (NB2), 3 (NB3), 4 (NB4), 5 (NB5), 6 (NB6), 7 (NB7), 8 (NB8), 9 (NB9), 10 (NB10), 11 (NB11), 12 (NB12) *Specify junction type: G (Grounded), E (Exposed), or U (Ungrounded)

**Specify Length in mm: 150 mm, 300 mm, 450 mm, 600 mm.

Ordering Example: NB1-CAXL-M60G-300, Industrial Head Probe, NB1 Style Head, type K (CHROMEGLA™-ALOMEGA™), SUPER OMEGACLAD™ XL sheath, 6 mm O.D., grounded junction, 300mm length, £41. To order a replacement probe for a head assembly, add "-RP" to the part number and subtract £11.50 from the price above.

Ordering Example: NB1-CAXL-M60G-300-RP, Industrial Head Replacement Probe, for NB1 Style Head Assembly, type K (CHROMEGLA™-ALOMEGA™), SUPER OMEGACLAD™ XL sheath, 6 mm O.D., grounded junction, 300mm length, £29.50

Junction Types



Utility Handle Probes

Thermocouple Alloy	Sheath Dia. mm	Model number	Junction Types				Price per Add'l 150 mm
			300 mm		450 mm		
			G/E	U	G/E	U	
CHROMEGLA™-ALOMEGA™ Super OMEGACLAD™ XL Sheath	1.5	KHXL-IM15(*)-RSC-***	£29.50	£35.50	£30.00	£36.00	£0.70
	3.0	KHXL-IM30(*)-RSC-***	30.50	36.00	31.50	37.50	1.45
	4.5	KHXL-IM45(*)-RSC-***	32.00	33.50	34.00	36.00	1.95
	6.0	KHXL-IM60(*)-RSC-***	33.50	35.50	36.50	39.00	3.40
	8.0	KHXL-IM80(*)-RSC-***	41.00	42.50	46.50	48.00	5.30
	9.6	KHXL-IM96(*)-RSC-***	45.00	46.50	53.00	54.00	7.60
OMEGA-P™ OMEGA-N™ Super OMEGACLAD™ XL Sheath	1.5	NHXL-IM15(*)-RSC-***	£29.50	£35.50	£30.00	£36.00	£0.70
	3.0	NHXL-IM30(*)-RSC-***	30.50	36.00	31.50	37.50	1.45
	4.5	NHXL-IM45(*)-RSC-***	32.00	33.50	34.00	36.00	1.95
	6.0	NHXL-IM60(*)-RSC-***	33.50	35.50	36.50	39.00	3.40
	8.0	NHXL-IM80(*)-RSC-***	41.00	42.50	46.50	48.00	5.30
	9.6	NHXL-IM96(*)-RSC-***	45.00	46.50	53.00	54.00	7.60

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

**Specify Length in mm: 150 mm, 300 mm, 450 mm, 600 mm.

Ordering Example: KHXL-IM60G-RSC-300, Utility Handle Probe, type K (CHROMEGLA™-ALOMEGA™),

Super OMEGACLAD™ XL sheath, 6 mm O.D., grounded junction, 300 mm length, supplied with miniature connector (SMP) Termination, £33.50