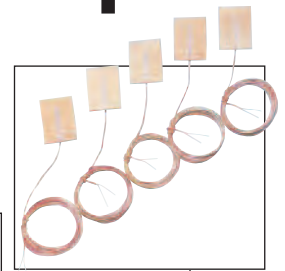
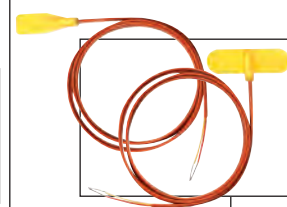
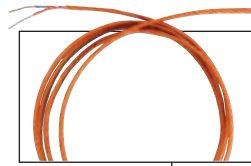


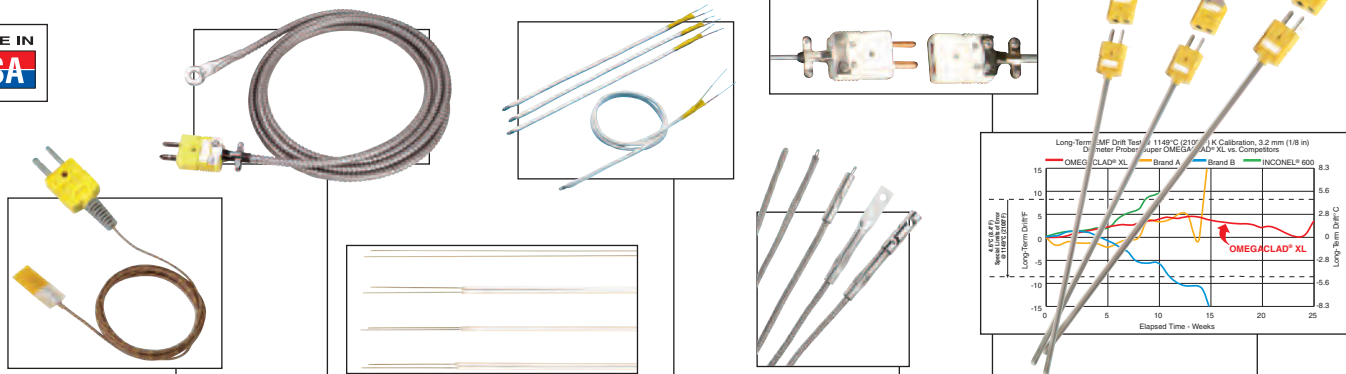
Thermocouple



THERMOCOUPLES

Series No.	Unsheathed TC	5TC/5SRTC	5SC / 5LSC	HSTC	SA2	SA1 / SA1-SC
Price	\$17 pkg of 5	\$33 pkg of 5	\$58 pkg of 5	\$25	\$30	\$60 pkg of 5
Page No.	A-17	A-21	A-23	A-24	A-25	A-26
Configuration	Fine gage bare wire uninsulated exposed junction	Insulated exposed junction	Insulated exposed junction with spool caddy mini connector	Hermetically sealed tip	Self-adhesive silicone patch	Insulated with self-adhesive pad
Available Calibration	J, K, T, E, R, S, B, G, C, D, N	J, K, T, E	J, K, T, E	J, K, T, E	J, K, T, E	J, K, T, E
Temperature Range (Configuration and application dependent)	To 2315°C (4200°F)	To 480°C (896°F)	To 480°C (900°F) connector to 220°C (425°F)	To 250°C (482°F)	To 260°C (500°F)	-60 to 175°C (-75 to 347°F)
Insulation/Sheathing	None	PFA or glass braid and KAPTON®	PFA or glass braid and KAPTON®	PFA	Sensor patch: silicone. Leadwire: PFA	PFA
Size (Non-standard lengths readily available)	0.0127 to 0.813 mm (0.0005 to 0.032") dia 150 or 305 mm (6 or 12) lengths standard	0.0127 to 0.813 mm (0.005 to 0.032) dia 1 or 2 m (40 or 80") lengths standard	0.0127 to 0.813 mm (0.005 to 0.032") dia 1 or 2 m (40 or 80") lengths standard	24 AWG stranded, 1 or 2 m (40 or 80") lengths standard	Flat, 15 x 50 mm (0.59 x 1.97") or 35 x 12mm (1.38 x 0.47"). 24 AWG stranded thermocouple wire. 1 m (40") and 2 m (80") lengths Custom lengths available	Flat, 25 x 19 mm (1.0 x 0.75") 1 m (40") length Custom lengths available
Features	Fast response. Very small diameters. Pin-point measurements. Low heat transfer.	Molded subminiature connector with integral strain relief (5SRTC only). Special limits of error wire. Fast response.	Molded subminiature connector with integral strain relief. Special limits of error wire. Fast response.	Hermetically sealed thermocouple junction. Flexible, small and fast response.	Self adhesive silicone patch	Self-adhesive backing. Fast response. Low thermal inertia.
Applications	Biophysics, scientific instruments, cryogenics, gas chromatography, quickly changing temperatures. Unprotected, not suitable for liquid immersion and applications requiring protected probes.	Gas and surface measurements, applications requiring exposed thermocouple bead. PFA insulation resists chemical attack, glass insulation rated for high temperatures.	Gas and surface measurements, applications requiring exposed thermocouple and strain relief connector attachments. PFA insulation resists chemical attack, glass insulation rated for high temperatures.	Cleanrooms, laboratories, food services, chemical and petroleum. PFA insulation resists chemical attack.	Surface temperature. Flat or curved metal, glass, plastic or other smooth surface	Surface temperature measurement easily removed
Sold As	J, K, T, E, N sold in packs of 5. R, S, B, G, C, D calibrations sold individually. Contact Sales for special sizes and assemblies.	Packages of 5. Contact Sales for special sizes and assemblies.	Packages of 5. Contact Sales for special sizes and assemblies.	Individually.	Individually.	Packages of 5. Other lengths available.

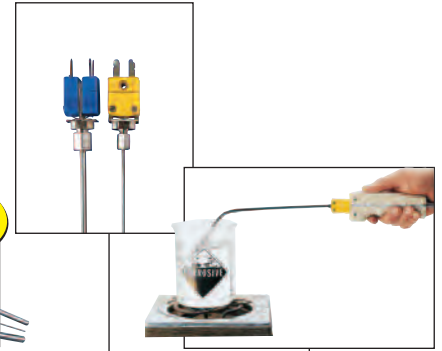
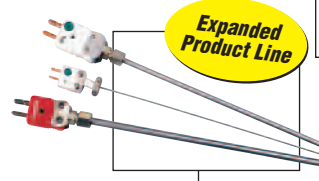
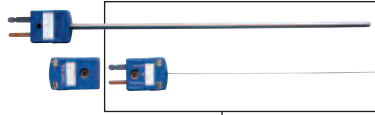
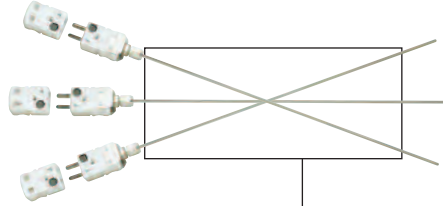
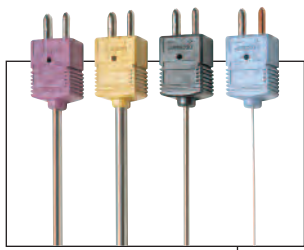
Selection Guide



Series No.	SA1XL	WT	Bare, SH, DH, FS	XC-20 - K	XCIB	TRP	Super OMEGA CLAD® XL
Price	\$80 pkg of 5	\$23	\$6	\$20	\$35	\$75	\$26
Page No.	A-27	A-32	A-33	A-34	A-35	A-37	A-43 to A-48
Configuration	Insulated with self adhesive pad. Can also be used as a "Cement-On" Pad	Insulated with washer termination armored cable option	Bare wire TC with ceramic bead or Nextel insulation	Nextel insulated exposed junction	Ceramic fiber insulated, Inconel overbraid	Temperature reference probe	Super OMEGA CLAD® XL transition joint, quick connect and handle styles
Available Calibration	J, K, T, E	J, K, T, E	J, K, T, E, N	J, K, E, N	J, K, E, N	J, K, T, E, R, S, B, G, C, D	K, N
Temperature Range (Configuration and application dependent)	To 315°C (600°F)	To 480°C (900°F)	Various; depends on diameter of thermocouple	Insulation to 2200°F (1200°C) Thermocouple to rated limits	To 1090°C (1994°F) depending on alloys	Probe to 980°C (1796°F)	To 1335°C (2440°F)
Insulation/Sheathing	Sensor tip: Kapton®, fiber glass Leadwire: fiberglass (also available with SS overbraid)	Glass braid and PFA	Ceramic bead insulators or Nextel	High temperature Nextel ceramic	High temperature ceramic fiber with Inconel 600 overbraid	304 Stainless steel sheath material	MgO insulation with Nickel-chrome based Super OMEGA CLAD® XL Sheathing
Size (Non-standard lengths readily available)	Flat, 9.5 x 25.4 mm (0.37 x 1.0) 1 or 2 m (40 or 80") lengths Custom lengths available.	20 gage wire from 300 to 1600 mm (12 to 60") lengths 3.7 mm to 6.6 mm (0.145 to 0.260") washer dia #6, #8, #10, 1/4" screw sizes (M3.5, M4, M4.5, M6)	0.510 to 3.25 mm (0.0201 to 0.128) dia 300 mm (12") lengths with 75 mm (3") leads standard	0.511, 0.813, 1.628 mm (0.020, 0.032, 0.064") dia 300 mm (12") lengths with 150 mm (6") incremental add'l lengths	4.76 to 7.94 mm (0.1875 to 0.3125") dia 1 to 3 m (3 to 10') lengths	3.2 mm (0.125") dia 150 mm (6") probe 300 mm (12") standard lead length	0.25 to 9.5 mm (0.010 to 0.375") dia 300 mm (12") standard length or 150 mm (6")
Features	"All-in-One" surface TC. Self adhesive or "Cement-On". Fast response. Low thermal inertia.	Washer termination attaches to surfaces with various size screws. Armored cable option.	Choice of various ceramic insulators available with most sizes. Fast response.	Insulation rated to 1200°C (2200°F) continuous, 1425°C (2600°F) short term.	5 styles available: flexible, abrasion-resistant, high-temperature rating.	Made with SLE wire. Comes with mating connectors.	High temperature, low thermal drift, very stable.
Applications	Flat or curved metal, glass, plastic or other smooth surfaces.	Surface temperature measurement. Bolts to surface.	Inside thermowells. Some models for high temperatures. glued to surface.	High temperature. Can be used as the element in a head and well assembly.	Ovens, furnaces profiling machinery.	Calibration accessory. Thermocouple to copper transition at probe tip typically used in ice point chamber	Excellent oxidation, carburization and chlorination resistance.
Sold As	Packages of 5 Other lengths available.	Individually. Stripped leads or OSTW type standard size connector. Custom lead lengths available.	Individually. Contact Sales for special sizes.	Individually.	Custom lengths.	Individually	Individually. Custom lengths available Available as SUPER OMEGA CLAD® XL THERMOCOUPLE PROBES

See page A-43 to A-48.

Thermocouple



Series No.	Mini Conn Probes	STD Connector Probes	(Probe) -NHX, -SHX	Extreme, High-Temp	(Probe) Dual	(Probe) -PFA
Price	\$24	\$22	\$33.50	\$124	\$55.75	\$47
Page No.	A-53 to A-54	A-55 to A-59	A-61 to A-62	A-63 to A-68	A-69	A-71
Configuration	Metal sheathed, quick disconnect probes with miniature sized connectors	Metal sheathed, quick disconnect probes with standard size connectors	Metal sheathed, quick disconnect, high temperature probes	Metal sheathed exotic high-temperature probes	Dual element with miniature or standard size connector	Metal sheathed PFA coated probes (probes can be ordered bent)
Available Calibration	J, K, T, E, N	J, K, T, E, N	J, K, T, E, N	R, S, B, G, C, D	J, K, T, E, N	Various
Temperature Range (Configuration and application dependent)	To 980°C (1796°F)	To 980°C (1796°F)	Depending on thermocouple type and diameter	To 2300°C (4200°F) in vacuum. To 2200°C (4000°F) in inert/reducing atmosphere. To 1540°C (2800°F) in oxidizing atmosphere.	To 980°C (1796°F)	To 200°C (392°F)
Insulation/Sheathing	MgO insulation with 304 or 321 SS or Inconel 600 sheathing 310SS/316SS	MgO insulation with 304 or 321 SS or Inconel 600 sheathing 310SS/316SS	MgO insulation with 304 or 321 SS or Inconel 600 sheathing	Hafnia, magnesia or alumina insulation with tantalum, molybdenum, Pt rhodium alloy or Inconel 600 sheathing	MgO insulation with 304 or Inconel sheathing 310SS/316SS	Magnesium oxide insulation with SS or Inconel 600 sheathing and PFA coating
Size (Non-standard lengths readily available)	0.25 to 9.5 mm (0.010 to 0.375") dia 50, 300, 450 and 600 mm (6, 12, 18 and 24") lengths. Other lengths on request.	0.25 to 9.5 mm (0.010 to 0.375") dia 50, 300, 450 and 600 mm (6, 12, 18 and 24") lengths. Other lengths on request.	0.25 to 6.0 mm (0.010 to 0.250") dia 150, 300, 450 and 600 mm (6, 12, 18 and 24") lengths standard	1.5 to 6.0 mm (0.062 to 0.25") dia. Various lengths	1.5 to 6.0 mm (0.0625 to 0.250") dia	As small as 1 mm (0.40") OD 1.2 m (48") max. length
Features	Mini male connectors (mating females included) Bendable sheaths/many optional features eg. grounded, ungrounded, exposed tip, SS or Inconel sheath, molded or non-molded and connectors, weld pads, PFA coating, low noise designs, high temperature, EMI suppression, low-cadmium environmentally friendly polymer	Standard male connectors (mating females included)	Includes SHX or NHX ceramic male connectors rated to 650°C (1200°F). Mating female connector included. Standard and miniature sizes.	Very high temperature ratings. Choice of quick disconnect, transition junction, high temperature connector or stripped lead termination.	Standard and subminiature connectors.	Chemically inert. Electrically insulated. Abrasion resistant.
Applications	Immersion in liquid, gas or air, custom tips for soft solid penetration, fast response, surface and air measurement.		High temperature requiring quick connection and disconnection of probe, and where sheath and connectors may be subjected to high temperatures.	High temperature measurements in inert, oxidizing, or reducing atmospheres.	Permits 2 temp signals from 1 point. General purpose and immersion. Probes bend to radius of no less than 3x sheath diameter.	Battery electrolyte, plating baths, anodizing baths, severe environments, caustic or corrosive chemical solutions.
Sold As	Page Model Feature: A-49, GKMQSS, low-noise A-53, KMQSS, standard A-54, HKMQSS, high-temp A-61 and A-62, SHX, ceramic	Page Model Feature: A-52, GKQIN, low noise A-55, KQSS, molded A-57, HKQIN, high-temp A-59, CAIN, standard A-61 and A-62, NHX, ceramic	Individually. Custom lengths available. Supplied with mating female connector and cable clamp. Contact Sales for special requirements.	Individual probes. Lead wire, standard or mini connectors, heavy-duty or ceramic. Contact Sales for special requirements.	Individually	Individual metal sheathed probes. PFA coating also available on thermowells. Contact Sales for special requirements.

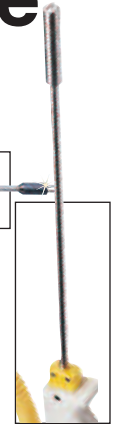
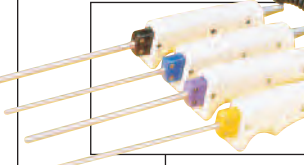
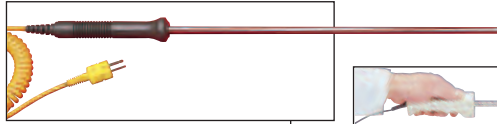
All Probe Pages Displaying the XL Logo in Section A are available in Super OMEGACLAD® XL Material

Selection Guide



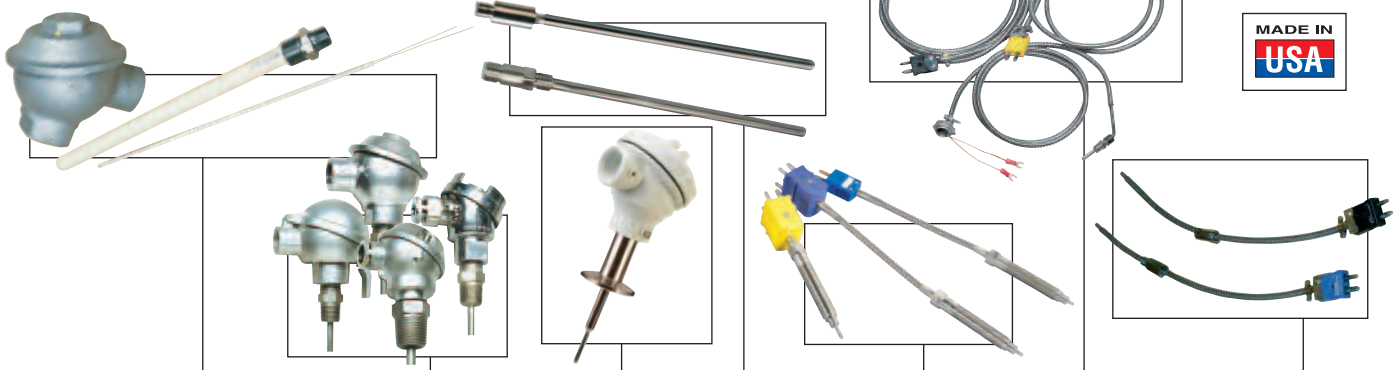
Series No.	TB-(*)	Transition Joint	TJ-USB	TJFT72	TC-(*)-NPT	PP3-36-(*)	HYP
Price	\$27	\$28	\$95	\$42	\$60	\$283	\$86
Page No.	A-72	A-74	A-86	A-87	A-90	A-91	A-93
Configuration	Metal sheathed probes with color coded terminal block	Metal sheathed, metal transition junction probes	Metal sheath probe with USB computer connection and software	Special probe transition junction probes	Specialty probes	Profile probes	Metal sheathed hypodermic probes
Available Calibration	J, K, T, E, N	J, K, T, E, N	K	J, K, T, E	J, K, T, E	J, K, T, E	J, K, T, E, RTD
Temperature Range (Configuration and application dependent)	Probe to 980°C (1796°F) block to 220°C (425°F)	To 980°C (1796°F)	-200 to 1000°C (-328 to 1832°F)	Probe to 980°C (1796°F)	To 480°C (896°F)	Probe to 650°C (1200°F)	To 200°C (392°F)
Insulation/Sheathing	Magnesium oxide insulation with SS or Inconel 600 sheathing 310SS/316SS	MgO insulation with 304 or 321 SS or Inconel 600 sheathing 310SS/316SS	MgO insulation with 304 SS Inconel 600 and Super XL sheathing	MgO insulation with 304 or 321 SS or Inconel 600 sheathing 310SS/316SS	Mixed	MgO insulation with 316SS sheathing	Stainless steel needle
Size (Non-standard lengths readily available)	1.5 to 6.0 mm (0.062 to 0.250") dia 300, 600, 900 mm (12, 24, 36") lengths standard	0.25 to 9.5 mm (0.010 to 0.375") dia 50, 300, 450 and 600 mm (6, 12, 18 and 24") lengths. Other lengths on request	4.5 and 6.0 mm (0.187 to 0.250") diameters, 457 and 610 mm (18 and 24") lengths standard	1.5 and 6.0 mm (0.062 to 0.250") dia 150, 300, 450 and 600 mm (6, 12, 18 and 24) lengths standard	Mixed	4.76 mm (0.1875") dia 450 or 900 mm (18 or 36") length 900 mm (36") leads; custom sizes available	0.203 to 1.83 mm (0.008 to 0.072") dia 13 to 38 mm (0.5 to 1.5") lengths
Features	Integral terminal block provides quick wiring.	Flexible stripped wire or optional terminals (See STD and Mini connector probes).	Integral at 2 m (6') shielded cable with type A USB plug	Ungrounded, grounded or exposed junction.	Custom application	3, 6, 10 sensing points on one probe custom number available	Small, needle-type probes in various diameters and lengths.
Applications	Inside thermowells and/or quick hook-ups for direct immersion compression fitting mounting	Immersion in liquid, gas or air, custom tips for soft solid penetration, fast response, surface and air measurement.	Probe immersion in liquid, gas. USB connection converts PC into temperature meter, data logger or chart recorder	General purpose and immersion. radius of no less than 3x the diameter of the sheath.	Pipe plug; autoclave; penetration; hollow tube; flow through profile	Furnaces, reactors, heat exchanges, air ducts.	Industrial, laboratory, manufacturing and chemical research. Various size needle probes suit temp. measurements in plants, liquids, semi-solids, food processing and natural sciences. Surfaces, and more. Model HYP-1 is autoclavable. Not suitable for human implantation.
Sold As	Individually. Contact Sales for special requirements.	Page Model Feature A-78, KTSS, molded A-79, TJ36, standard	Individual probes and free software included	Individually. Contact Sales for special sizes	Individually.	Individually. Custom sizes available.	Individually in 5 styles Comes with or without connectors.

Thermocouple



Series No.	88000	MP	SP-RL	KHSS-116G-RSC	HPS-CASS	SP-HF-K	HPS-HT-K
Price	\$75	\$59	\$19	\$33	\$37	\$213	\$115
Page No.	A-95	A-112	A-114	A-117	A-120	A-124	A-124
Configuration	Special purpose surface probes	Magnetic mount	Various heavy-duty surface probes	Metal sheathed probes with easy-grip molded handle and coiled cable	Metal sheathed probes with integral handle	Metal sheathed high temperature foundry probes with integral handle	Metal sheathed high-temperature surface probe with integral handle
Available Calibration	K, E	J, K, T, E	K, E, J	J, K, T, E, N	J, K, T, E, N	J, K	J, K, E
Temperature Range (Configuration and application dependent)	Various—depends on model 200°C (400°F) to 815°C (1500°F)	Magnet retains 90% pull to 370°C (700°F)	Various—depends on model	Probe to 525°C (977°F) Handle to 115°C (239°F)	To 980°C (1796°F)	To 1260°C (2300°F)	To 1100°C (1994°F)
Insulation/Sheathing	Various, including exposed TC element and SS sheaths	Stainless steel over-braided glass or PFA wire	Various, including exposed TC element and SS sheaths	Magnesium oxide insulation with SS or Inconel 600 sheathing	Magnesium oxide insulation with SS or Inconel 600 sheathing	Glass braid insulation with stainless steel sheathing	Magnesium oxide insulation with SS sheathing
Size (Non-standard lengths readily available)	Various—depends on model number	25.4 x 38.1 x 25.4 mm (1 x 1.5 x 1") or 108 x 63.5 x 38.1 mm (4.25 x 2.5 x 1.5")	Various—depends on model number	1.5 to 9.5 mm (0.062 to 0.375") dia 300, 450 or 600 mm (12, 18 or 24) lengths standard	1.5 mm (0.06") dia 300 mm (12) probe length standard	12.7 mm (0.5") dia 25 mm (1.0") dia tip 762 mm (30") probe length standard	12.7 mm (0.5") dia 11.1 mm (0.04") dia tip 300 mm (12") probe length standard
Features	Variety of sensing heads for hundreds of applications. Models with swivel head design and replaceable elements	Magnetic, spring-mounted TC. Single or dual 12 lb pull magnets, leads, subminiature male connector and cable clamp included	Six rugged probe styles, PFA coated lead wire, black and anodized aluminum handle with handle probes	Integral molded handle retractable cable. General purpose probe tip standard; air and penetration tips available. Includes submin. male connector.	Integral pistol-grip handle Retractable cable. Heavy-duty.	Extra heavy-duty design with rugged aluminum handle. 1.8 m (6') SS overbraided lead wires.	Spring-loaded sensing element. Ceramic tip. Retractable cable with SMP connector.
Applications	General purpose, straight and right angle surfaces, rotating surfaces, insertion, small electronic part	Surface temperatures of magnetic material	General purpose, roller surface, needle tip, flexible tip and overbraid models.	General purpose, penetration and air probe tips available	General purpose immersion, custom tips available for penetration, fast response surface and air temperature measurements.	Heavy-duty tips penetrate surface measure casting surface temperature.	High-temperature surface measurements, stationary surfaces.
Sold As	Individually with SMP miniature male connector, one-foot retractable cable.	Individually. Single or dual magnet probe. Custom lead lengths available.	Individually with 1.8 m (6') PFA coated lead wire, SMP subminiature connector.	Probe, handle, cable and connector set. Contact Sales for special requirements.	Probe and handle set. Contact Sales for special requirements	Probe and handle set. Contact Sales for special requirements	Probe and handle set. Contact Sales for special requirements.

Selection Guide



Series No.	RAT/SAT/BAT	NB1, 2, 3, 4	Sanitary Flanged	M8 and M12	TERP / SERP	CF, BT	ADR
Price	\$425	\$57	\$95	\$21	\$45	\$25	\$27
Page No.	A-125	A-136	A-145	A-151 to A-154	A-159	A-161	A-164
Configuration	Ceramic tube assemblies	Metal sheathed probes with industrial protection head and integral terminal block	316 L Stainless Steel Metal sheathed and Tri-Grip™ flanged probe with 32 micro inch or better surface finish	Metal sheathed probe with M8 or M12 stainless steel or molded connector housing	PFA and plastic extruder probes	Metal sheathed bayonet and compression fitting probes	Metal sheathed adjustable depth probes
Available Calibration	R, S, B	J, K, T, E, N	J, K, T or E	K, J	J, K, T, E	J, K, T, E	J, K, T, E
Temperature Range (Configuration and application dependent)	To 1650°C (3000°F)	To 1650°C (3000°F) max 610°C (950°F) for PFS heads, 290°C (554°F) for plastic heads	-50 to 200°C (-58 to 392°F)	Probe sheath to 1000°C (1832°F) connector -50 to 90°C (-58 to 194°F)	To 900°C (1652°F)	To 480°C (896°F)	To 1150°C (2102°F)
Insulation/Sheathing	Ceramic protection tube	Magnesium oxide insulation with SS or Inconel 600 sheathing	PFA insulation on wire inside the probe and silicon based potting material	MgO oxide insulation with 304 SS and Inconel sheathing	Braided glass wire with SS housing. Hastelloy tip on PFA models	Glass braid on wire inside stainless steel probe	Glass braid on wire inside SS tip
Size (Non-standard lengths readily available)	6.4 or 9.5 mm (0.25 or 0.375" dia) 300 mm (12") probe standard length	1.5 to 6.0 mm (0.062 to 0.25") dia probe. Various diameter wells as small as Various lengths 12.7 mm (0.5"). 300 mm (12") length probe standard	¼" diameter standard, 3 to 6" lengths standard, Custom lengths available	3.0 and 6.0 mm (0.125 to 0.250") diameters, 150 to 1500 mm (6 to 60") lengths	3.2 mm (0.125") dia tip; 75 or 150 mm (3 or 6") barrel lengths; flush, 6, 13, 19 or 25 mm (0.25, 0.5, 0.75 or 1") tip lengths	Bayonet models: 4.7 mm (0.188) dia 57 and 89 mm L (2.25 and 3.5") probe. Compression fitting: 50 and 100 mm L (2 and 4") probe. Straight or 90° bend probes.	4.7 mm (0.188") dia tip up to 75 mm (3") tip length 1500 mm (60") cable length standard
Features	Includes NB1-2 head	Choice of industrial heads with integral terminal blocks. Fixed/spring loaded. Choice of thermowell size and material. Head can house TX91A.	¼ to 4" 16 AMP Tri-Grip™ Process Flanged probe with 32 micro inch or better surface finish 3A Sanitary approved Industrial Head, Cable leads, M12 connector or Thermowell configurations	Integral metal threaded 8 mm x 1 or 12 mm x 1 fitting with thermocouple compensated pins	Rigid or flexible connection. Various tip and barrel lengths. Single or dual elements.	Variety of probe lengths. 6.4 mm (0.25") flexible stainless steel cable 304 or 321 SS construction.	Flexible armored cable with sliding lock fitting. Spring action catch holds probe firmly in place. Grounded or ungrounded junction.
Applications	High-temperature oxidizing or reducing atmospheres.	Heavy-duty, industrial environments. Sheathed or non-sheathed thermocouple elements fit into thermowell if necessary.	Food, Dairy, Beverage, Bio- Pharmaceutical, Chemical and Ink processing	Process and automation equipment. Design provides a compact, secure vibration resistant connection	PFA or plastic extruders.	Immersion, bored samples, surfaces.	Immersion, adjusts to any depth. Spring loaded tip presses against the bottom of a well for rapid heat transfer.
Sold As	Individually	Individually with threaded fitting and head. Variety of thermowell sizes, designs and materials. Contact Sales for special requirements.	Individually	Individually	Individually with OSTW standard size male connector. Contact Sales for special requirements.	Individual spring-loaded bayonet or compression fitting styles. Contact Sales for special requirements.	Individually with permanently attached or removable lock fittings. Spade lugs or quick disconnect termination.



UNITED STATES

www.omega.com
1-800-TC-OMEGA
Stamford, CT.

CANADA

www.omega.ca
Laval(Quebec)
1-800-TC-OMEGA

GERMANY

www.omega.de
Deckenpfronn, Germany
0800-8266342

UNITED KINGDOM

www.omega.co.uk
Manchester, England
0800-488-488

FRANCE

www.omega.fr
Guyancourt, France
088-466-342

CZECH REPUBLIC

www.omegaeng.cz
Karviná, Czech Republic
596-311-899

BENELUX

www.omega.nl
Amstelveen, NL
0800-099-33-44



More than 100,000 Products Available!

• Temperature

Calibrators, Connectors, General Test and Measurement Instruments, Glass Bulb Thermometers, Handheld Instruments for Temperature Measurement, Ice Point References, Indicating Labels, Crayons, Cements and Lacquers, Infrared Temperature Measurement Instruments, Recorders Relative Humidity Measurement Instruments, RTD Probes, Elements and Assemblies, Temperature & Process Meters, Timers and Counters, Temperature and Process Controllers and Power Switching Devices, Thermistor Elements, Probes and Assemblies, Thermocouples Thermowells and Head and Well Assemblies, Transmitters, Wire

• Flow and Level

Air Velocity Indicators, Doppler Flowmeters, Level Measurement, Magnetic Flowmeters, Mass Flowmeters, Pitot Tubes, Pumps, Rotameters, Turbine and Paddle Wheel Flowmeters, Ultrasonic Flowmeters, Valves, Variable Area Flowmeters, Vortex Shedding Flowmeters

• pH and Conductivity

Conductivity Instrumentation, Dissolved Oxygen Instrumentation, Environmental Instrumentation, pH Electrodes and Instruments, Water and Soil Analysis Instrumentation

• Data Acquisition

Auto-Dialers and Alarm Monitoring Systems, Communication Products and Converters, Data Acquisition and Analysis Software, Data Loggers Plug-in Cards, Signal Conditioners, USB, RS232, RS485 and Parallel Port Data Acquisition Systems, Wireless Transmitters and Receivers

• Pressure, Strain and Force

Displacement Transducers, Dynamic Measurement Force Sensors, Instrumentation for Pressure and Strain Measurements, Load Cells, Pressure Gauges, Pressure Reference Section, Pressure Switches, Pressure Transducers, Proximity Transducers, Regulators, Strain Gages, Torque Transducers, Valves

• Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters