

High Temperature Quick Disconnect Thermocouples

Standard Dimensions

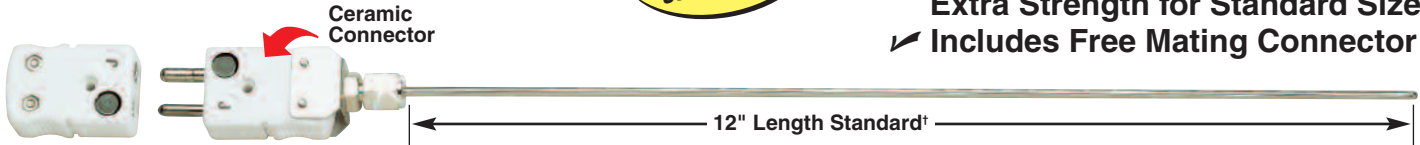


Available as

See page A-37 to A-48.

Available! Type-N with Inconel Sheath Consult Sales

- ✓ Features SHX or NHX Type Ceramic Connector
- Rated to 650°C (1200°F)
- ✓ 304, 310, 316, 321 SS, Inconel® or Super OMEGACLAD® XL Sheath
- ✓ Tube Clamp Included for Extra Strength for Standard Size
- ✓ Includes Free Mating Connector



Standard Dimension, Standard Size

 MOST POPULAR MODELS HIGHLIGHTED!

Alloy/ANSI Color Code	Sheath Dia.	Model Number Grounded Junction	Price	Model Number Ungrounded Junction	Price	Model Number Exposed Junction	Price	Price/Add'l 12"
IRON-CONSTANTAN 304 SS Sheath J	1/16"	ICSS-116G-12-NHX	\$36.50	ICSS-116U-12-NHX	\$38.50	ICSS-116E-12-NHX	\$36.50	\$1.55
	1/8"	ICSS-18G-12-NHX	36.50	ICSS-18U-12-NHX	38.50	ICSS-18E-12-NHX	36.50	1.85
	3/16"	ICSS-316G-12-NHX	37.50	ICSS-316U-12-NHX	39.50	ICSS-316E-12-NHX	37.50	3.15
	1/4"	ICSS-14G-12-NHX	40.50	ICSS-14U-12-NHX	42.50	ICSS-14E-12-NHX	40.50	5.00
CHROMEGA®* ALOMEGA® 304 SS Sheath K	1/16"	CASS-116G-12-NHX	\$36.50	CASS-116U-12-NHX	\$38.50	CASS-116E-12-NHX	\$36.50	\$1.55
	1/8"	CASS-18G-12-NHX	36.50	CASS-18U-12-NHX	38.50	CASS-18E-12-NHX	36.50	1.85
	3/16"	CASS-316G-12-NHX	37.50	CASS-316U-12-NHX	39.50	CASS-316E-12-NHX	37.50	3.15
	1/4"	CASS-14G-12-NHX	40.50	CASS-14U-12-NHX	42.50	CASS-14E-12-NHX	40.50	5.00
CHROMEGA® CONSTANTAN 304 SS Sheath E	1/16"	CXSS-116G-12-NHX	\$36.50	CXSS-116U-12-NHX	\$38.50	CXSS-116E-12-NHX	\$36.50	\$1.55
	1/8"	CXSS-18G-12-NHX	36.50	CXSS-18U-12-NHX	38.50	CXSS-18E-12-NHX	36.50	2.50
	3/16"	CXSS-316G-12-NHX	37.50	CXSS-316U-12-NHX	39.50	CXSS-316E-12-NHX	37.50	3.15
	1/4"	CXSS-14G-12-NHX	40.50	CXSS-14U-12-NHX	42.50	CXSS-14E-12-NHX	40.50	5.00
COPPER-CONSTANTAN 304 SS Sheath T	1/16"	CPSS-116G-12-NHX	\$36.50	CPSS-116U-12-NHX	\$38.50	CPSS-116E-12-NHX	\$36.50	\$1.55
	1/8"	CPSS-18G-12-NHX	36.50	CPSS-18U-12-NHX	38.50	CPSS-18E-12-NHX	36.50	2.50
	3/16"	CPSS-316G-12-NHX	37.50	CPSS-316U-12-NHX	39.50	CPSS-316E-12-NHX	37.50	3.15
	1/4"	CPSS-14G-12-NHX	40.50	CPSS-14U-12-NHX	42.50	CPSS-14E-12-NHX	40.50	5.00

All products shown smaller than actual size.

See page A-127 for compression fittings



Standard Dimension, Miniature Size

Alloy/ANSI Color Code	Sheath Dia. inches	Model Number Grounded Junction	Price	Model Number Ungrounded Junction	Price	Model Number Exposed Junction	Price	Price/Add'l 6"
IRON-CONSTANTAN 304 SS Sheath J	0.010"	SICSS-010G-6-SHX	\$57.50	SICSS-010U-6-SHX	\$77.50	SICSS-010E-6-SHX	\$57.50	\$1.25
	0.020"	SICSS-020G-6-SHX	37.50	SICSS-020U-6-SHX	39.50	SICSS-020E-6-SHX	37.50	0.65
	0.032"	SICSS-032G-6-SHX	37.50	SICSS-032U-6-SHX	39.50	SICSS-032E-6-SHX	37.50	0.65
	0.040"	SICSS-040G-6-SHX	37.50	SICSS-040U-6-SHX	39.50	SICSS-040E-6-SHX	37.50	0.65
	0.062"	SICSS-062G-6-SHX	33.50	SICSS-062U-6-SHX	35.50	SICSS-062E-6-SHX	33.50	0.80
	0.125"	SICSS-125G-6-SHX	33.50	SICSS-125U-6-SHX	35.50	SICSS-125E-6-SHX	33.50	0.95
CHROMEGA®* ALOMEGA® 304 SS Sheath K	0.010"	SCASS-010G-6-SHX	\$57.50	SCASS-010U-6-SHX	\$77.50	SCASS-010E-6-SHX	\$57.50	\$1.25
	0.020"	SCASS-020G-6-SHX	37.50	SCASS-020U-6-SHX	39.50	SCASS-020E-6-SHX	37.50	0.65
	0.032"	SCASS-032G-6-SHX	37.50	SCASS-032U-6-SHX	39.50	SCASS-032E-6-SHX	37.50	0.65
	0.040"	SCASS-040G-6-SHX	37.50	SCASS-040U-6-SHX	39.50	SCASS-040E-6-SHX	37.50	0.65
	0.062"	SCASS-062G-6-SHX	33.50	SCASS-062U-6-SHX	35.50	SCASS-062E-6-SHX	33.50	0.80
	0.125"	SCASS-125G-6-SHX	33.50	SCASS-125U-6-SHX	35.50	SCASS-125E-6-SHX	33.50	0.95
CHROMEGA® CONSTANTAN 304 SS Sheath E	0.010"	SCXSS-010G-6-SHX	\$57.50	SCXSS-010U-6-SHX	\$77.50	SCXSS-010E-6-SHX	\$57.50	\$1.25
	0.020"	SCXSS-020G-6-SHX	37.50	SCXSS-020U-6-SHX	39.50	SCXSS-020E-6-SHX	37.50	0.65
	0.032"	SCXSS-032G-6-SHX	37.50	SCXSS-032U-6-SHX	39.50	SCXSS-032E-6-SHX	37.50	0.65
	0.040"	SCXSS-040G-6-SHX	37.50	SCXSS-040U-6-SHX	39.50	SCXSS-040E-6-SHX	37.50	0.65
	0.062"	SCXSS-062G-6-SHX	33.50	SCXSS-062U-6-SHX	35.50	SCXSS-062E-6-SHX	33.50	0.80
	0.125"	SCXSS-125G-6-SHX	33.50	SCXSS-125U-6-SHX	35.50	SCXSS-125E-6-SHX	33.50	0.95
COPPER-CONSTANTAN 304 SS Sheath T	0.020"	SCPSS-020G-6-SHX	\$57.50	SCPSS-020U-6-SHX	\$39.50	SCPSS-020E-6-SHX	\$37.50	\$0.65
	0.032"	SCPSS-032G-6-SHX	37.50	SCPSS-032U-6-SHX	39.50	SCPSS-032E-6-SHX	37.50	0.65
	0.040"	SCPSS-040G-6-SHX	37.50	SCPSS-040U-6-SHX	39.50	SCPSS-040E-6-SHX	37.50	0.65
	0.062"	SCPSS-062G-6-SHX	33.50	SCPSS-062U-6-SHX	35.50	SCPSS-062E-6-SHX	33.50	0.80
	0.125"	SCPSS-125G-6-SHX	33.50	SCPSS-125U-6-SHX	35.50	SCPSS-125E-6-SHX	33.50	0.95

† Other lengths available, consult Sales department. **Note:** Inconel® sheath not available in 0.010" OD with Type T.

* 0.010" OD sheath probes are assembled with cable clamp.

To order with 310 SS, 316 SS or 321 SS sheath, change "SS" in model number to "310SS", "316SS" or "321SS" respectively. No additional cost.

To order with Inconel 600 sheath, change "SS" in model number to "IN". No add'l cost.

To Order Super OMEGACLAD® XL, change "SS" to "XL" and add \$3 to price of Inconel 6" and 12" probes.

Ordering Examples: CASS-18G-12-NHX, high temperature quick disconnect probe, Type K, 304 SS sheath, 1/8" OD, grounded junction, 12" length, \$36.50. SCASS-062U-6-SHX, high temperature miniature quick disconnect probe, Type K, 321SS sheath, 0.062" OD, ungrounded junction, 6" long, \$35.50.

High Temperature Quick Disconnect Thermocouples

Metric Dimensions

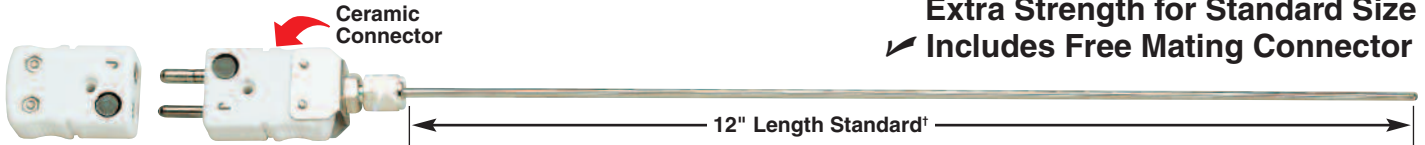


Available as



See page A-43 to A-48.

- ✓ Features SHX or NHX Type Ceramic Connector Rated to 650°C (1200°F)
- ✓ 304, 310, 316, 321 SS, Inconel® or Super OMEGA CLAD® XL Sheath
- ✓ Tube Clamp Included for Extra Strength for Standard Size
- ✓ Includes Free Mating Connector



Metric Dimension, Standard Size

 MOST POPULAR MODELS HIGHLIGHTED!

Alloy/ANSI Color Code	Sheath Dia. mm	Model Number Grounded Junction	Price	Model Number Ungrounded Junction	Price	Model Number Exposed Junction	Price	Price/Add'l 300mm
IRON-CONSTANTAN 304 SS Sheath J	1.5	ICSS-M15G-300-NHX	\$36.50	ICSS-M15U-300-NHX	\$38.50	ICSS-M15E-300-NHX	\$36.50	\$1.55
	3.0	ICSS-M30G-300-NHX	36.50	ICSS-M30U-300-NHX	38.50	ICSS-M30E-300-NHX	36.50	1.85
	4.5	ICSS-M45G-300-NHX	37.50	ICSS-M45U-300-NHX	39.50	ICSS-M45E-300-NHX	37.50	3.15
	6.0	ICSS-M60G-300-NHX	40.50	ICSS-M60U-300-NHX	42.50	ICSS-M60E-300-NHX	40.50	5.00
CHROMEGA®-ALOMEGA®* 304 SS Sheath K	1.5	CASS-M15G-300-NHX	\$36.50	CASS-M15U-300-NHX	\$38.50	CASS-M15E-300-NHX	\$36.50	\$1.55
	3.0	CASS-M30G-300-NHX	36.50	CASS-M30U-300-NHX	38.50	CASS-M30E-300-NHX	36.50	1.85
	4.5	CASS-M45G-300-NHX	37.50	CASS-M45U-300-NHX	39.50	CASS-M45E-300-NHX	37.50	3.15
	6.0	CASS-M60G-12-NHX	40.50	CASS-M60U-300-NHX	42.50	CASS-M60E-300-NHX	40.50	5.00
CHROMEGA®-CONSTANTAN 304 SS Sheath E	1.5	CXSS-M15G-300-NHX	\$36.50	CXSS-M15U-300-NHX	\$38.50	CXSS-M15E-300-NHX	\$36.50	\$1.55
	3.0	CXSS-M30G-300-NHX	36.50	CXSS-M30U-300-NHX	38.50	CXSS-M30E-300-NHX	36.50	2.50
	4.5	CXSS-M45G-300-NHX	37.50	CXSS-M45U-300-NHX	39.50	CXSS-M45E-300-NHX	37.50	3.15
	6.0	CXSS-M60G-300-NHX	40.50	CXSS-M60U-300-NHX	42.50	CXSS-M60E-300-NHX	40.50	5.00
COPPER-CONSTANTAN 304 SS Sheath T	1.5	CPSS-M15G-300-NHX	\$36.50	CPSS-M15U-300-NHX	\$38.50	CPSS-M15E-300-NHX	\$36.50	\$1.55
	3.0	CPSS-M30G-300-NHX	36.50	CPSS-M30U-300-NHX	38.50	CPSS-M30E-300-NHX	36.50	2.50
	4.5	CPSS-M45G-300-NHX	37.50	CPSS-M45U-300-NHX	39.50	CPSS-M45E-300-NHX	37.50	3.15
	6.0	CPSS-M60G-300-NHX	40.50	CPSS-M60U-300-NHX	42.50	CPSS-M60E-300-NHX	40.50	5.00

All products shown smaller than actual size.

See page A-127 for compression fittings



Metric Dimension, Miniature Size

Alloy/ANSI Color Code	Sheath Dia. mm	Model Number Grounded Junction	Price	Model Number Ungrounded Junction	Price	Model Number Exposed Junction	Price	Price/Add'l 150 mm
IRON-CONSTANTAN 304 SS Sheath J	0.25*	SICSS-M025G-150-SHX	\$57.50	SICSS-M025U-150-SHX	\$77.50	SICSS-M025E-150-SHX	\$57.50	\$1.25
	0.50	SICSS-M050G-150-SHX	37.50	SICSS-M050U-150-SHX	39.50	SICSS-M050E-150-SHX	37.50	0.65
	0.75	SICSS-M075G-150-SHX	37.50	SICSS-M075U-150-SHX	39.50	SICSS-M075E-150-SHX	37.50	0.65
	1.0	SICSS-M10G-150-SHX	37.50	SICSS-M10U-150-SHX	39.50	SICSS-M10E-150-SHX	37.50	0.65
	1.5	SICSS-M15G-150-SHX	33.50	SICSS-M15U-150-SHX	35.50	SICSS-M15E-150-SHX	33.50	0.80
	3.0	SICSS-M30G-150-SHX	33.50	SICSS-M30U-150-SHX	35.50	SICSS-M30E-150-SHX	33.50	0.95
CHROMEGA®-ALOMEGA®* 304 SS Sheath K	0.25*	SCASS-M025G-150-SHX	\$57.50	SCASS-M025U-150-SHX	\$77.50	SCASS-M025E-150-SHX	\$57.50	\$1.25
	0.50	SCASS-M050G-150-SHX	37.50	SCASS-M050U-150-SHX	39.50	SCASS-M050E-150-SHX	37.50	0.65
	0.75	SCASS-M075G-150-SHX	37.50	SCASS-M075U-150-SHX	39.50	SCASS-M075E-150-SHX	37.50	0.65
	1.0	SCASS-M10G-150-SHX	37.50	SCASS-M10U-150-SHX	39.50	SCASS-M10E-150-SHX	37.50	0.65
	1.5	SCASS-M15G-150-SHX	33.50	SCASS-M15U-150-SHX	35.50	SCASS-M15E-150-SHX	33.50	0.80
	3.0	SCASS-M30G-150-SHX	33.50	SCASS-M30U-150-SHX	35.50	SCASS-M30E-150-SHX	33.50	0.95
CHROMEGA®-CONSTANTAN 304 SS Sheath E	0.25*	SCXSS-M025G-150-SHX	\$57.50	SCXSS-M025U-150-SHX	\$77.50	SCXSS-M025E-150-SHX	\$57.50	\$1.25
	0.50	SCXSS-M050G-150-SHX	37.50	SCXSS-M050U-150-SHX	39.50	SCXSS-M050E-150-SHX	37.50	0.65
	0.75	SCXSS-M075G-150-SHX	37.50	SCXSS-M075U-150-SHX	39.50	SCXSS-M075E-150-SHX	37.50	0.65
	1.0	SCXSS-M10G-150-SHX	37.50	SCXSS-M10U-150-SHX	39.50	SCXSS-M10E-150-SHX	37.50	0.65
	1.5	SCXSS-M15G-150-SHX	33.50	SCXSS-M15U-150-SHX	35.50	SCXSS-M15E-150-SHX	33.50	0.80
	3.0	SCXSS-M30G-150-SHX	33.50	SCXSS-M30U-150-SHX	35.50	SCXSS-M30E-150-SHX	33.50	0.95
COPPER-CONSTANTAN 304 SS Sheath T	0.50	SCPSS-M050G-150-SHX	\$57.50	SCPSS-M050U-150-SHX	\$39.50	SCPSS-M050E-150-SHX	\$37.50	\$0.65
	0.75	SCPSS-M075G-150-SHX	37.50	SCPSS-M075U-150-SHX	39.50	SCPSS-M075E-150-SHX	37.50	0.65
	1.0	SCPSS-M10G-150-SHX	37.50	SCPSS-M10U-150-SHX	39.50	SCPSS-M10E-150-SHX	37.50	0.65
	1.5	SCPSS-M15G-150-SHX	33.50	SCPSS-M15U-150-SHX	35.50	SCPSS-M15E-150-SHX	33.50	0.80
	3.0	SCPSS-M30G-150-SHX	33.50	SCPSS-M30U-150-SHX	35.50	SCPSS-M30E-150-SHX	33.50	0.95

† Other lengths available, consult Sales Department. **Note:** Inconel sheath not available in 0.25 mm OD with Type T.

* 0.25 mm OD sheath probes are assembled with cable clamp.

To order with 310 SS, 316 SS or 321 SS sheath, change "SS" in model number to "310SS", "316SS" or "321SS" respectively. No add'l cost.

To order with Inconel 600 sheath, change "SS" in model number to "IN" No add'l cost.

To Order Super OMEGA CLAD™ XL change "SS" to "XL" and add \$3 to price of Inconel 150 and 300 mm probes.

Ordering Examples: CASS-M30G-300-NHX, high temperature quick disconnect probe, Type K, 304 SS sheath, 3 mm OD, grounded junction, 300 mm length, \$36.50. SCASS-M15U-150-SHX, high temperature miniature quick disconnect probe, Type K, 321SS sheath, 1.5 mm OD, ungrounded junction, 150 mm long, \$35.50.



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