

# Dual Element Thermocouple Assemblies With Miniature Size Connector



- ✓ 150 mm (6") Length Standard
- ✓ 1.5 or 3 mm (0.062 or 0.125") Diameter
- ✓ 304, 310, 316, 321 SS, Inconel® or Super OMEGACLAD™ XL Sheath
- ✓ Dual Miniature Connectors -Mating Connectors and Cable Clamp Sold Separately

Shown actual size.



## Applications

- ✓ Two Sensor Readings
- ✓ Allows Two Readings
- ✓ Continuous Monitor and Control
- ✓ Built-In Backup



Omega™ miniature dual element thermocouple probe assemblies are manufactured using 4-conductor OMEGACLAD™ wire, and feature SMP subminiature connectors for fast hook-up. 304 stainless steel sheaths are standard, with either 1.5 mm (0.062") or 3 mm 0.125" OD Junctions are either grounded, ungrounded or exposed. Mating connector and cable clamp sold separately. Standard length is 150 mm (6"), with other lengths available.

Thermocouple Alloy	Grounded Junction	Ungrounded Junction	Exposed Junction	Mating Connector Model No.	Cable Clamp Model No.	Safety Clamp Model No.
IRON-CONSTANTAN 304 SS Sheath <b>J</b>	SICSS-062G-6-DUAL SICSS-125G-6-DUAL	SICSS-062U-6-DUAL SICSS-125U-6-DUAL	SICSS-062E-6 DUAL SICSS-125E-6-DUAL	SMPW-*-F	PCLM	SMCL
CHROMEGLA™-ALOMEGA™ 304 SS Sheath <b>K</b>	SCASS-062G-6-DUAL SCASS-125G-6-DUAL	SCASS-062U-6-DUAL SCASS-125U-6-DUAL	SCASS-062E-6-DUAL SCASS-125E-6-DUAL			
CHROMEGLA™-CONSTANTAN 304 SS Sheath <b>E</b>	SCXSS-062G-6-DUAL SCXSS-125G-6-DUAL	SCXSS-062U-6-DUAL SCXSS-125U-6-DUAL	SCXSS-062E-6-DUAL SCXSS-125E-6-DUAL			
COPPER-CONSTANTAN 304 SS Sheath <b>T</b>	SCPSS-062G-6-DUAL SCPSS-125G-6-DUAL	SCPSS-062U-6-DUAL SCPSS-125U-6-DUAL	SCPSS-062E-6-DUAL SCPSS-125E-6-DUAL			

All Accessories Sold Separately.

\* To order Super OMEGACLAD™ XL sheath, change "SS" in model number to "XL" for additional cost.

To Order				
Thermocouple Alloy	Sheath Dia. mm (inch)	Grounded Junction	Ungrounded Junction	Exposed Junction
IRON-CONSTANTAN 304 SS Sheath <b>J</b>	1.5 (0.062") 3.0 (0.125")	SICSS-062G-6-DUAL SICSS-125G-6-DUAL	SICSS-062U-6-DUAL SICSS-125U-6-DUAL	SICSS-062E-6 DUAL SICSS-125E-6-DUAL
CHROMEGLA™-ALOMEGA™ 304 SS Sheath <b>K</b>	1.5 (0.062") 3.0 (0.125")	SCASS-062G-6-DUAL SCASS-125G-6-DUAL	SCASS-062U-6-DUAL SCASS-125U-6-DUAL	SCASS-062E-6-DUAL SCASS-125E-6-DUAL
CHROMEGLA™-CONSTANTAN 304 SS Sheath <b>E</b>	1.5 (0.062") 3.0 (0.125")	SCXSS-062G-6-DUAL SCXSS-125G-6-DUAL	SCXSS-062U-6-DUAL SCXSS-125U-6-DUAL	SCXSS-062E-6-DUAL SCXSS-125E-6-DUAL
COPPER-CONSTANTAN 304 SS Sheath <b>T</b>	1.5 (0.062") 3.0 (0.125")	SCPSS-062G-6-DUAL SCPSS-125G-6-DUAL	SCPSS-062U-6-DUAL SCPSS-125U-6-DUAL	SCPSS-062E-6-DUAL SCPSS-125E-6-DUAL

**Note:** Miniature glass filled nylon connectors rated to 220°C (425°F) are standard. Higher temperature liquid crystal polymers connectors rated 260°C (500°F) are also available. Add "-LCP" to model number for additional cost.

To order with 310, 316 or 321 stainless steel sheath, change "SS" in model number to "310SS", "316SS" or "321SS" respectively, no extra cost. For Inconel, change "SS" in model number to "IN", no extra cost.

\* To order Super OMEGACLAD™ XL sheath, change "SS" in model number to "XL" for additional cost.

**Ordering Example:** SCASS-125U-6-DUAL, subminiature dual element probe, Type K, stainless steel sheath, ungrounded, 3 mm (0.125") Dia., 150 mm (6") long.