

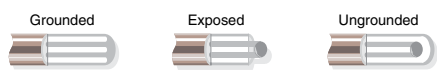
# Quick Disconnect Thermocouples with Removable Miniature Connectors Standard Dimensions

- ✓ Glass Filled Nylon Connector Body Rated to 220°C (425°F)
- ✓ 304, 316, 321 SS, Inconel, or Super OMEGACLAD™ XL Sheath
- ✓ Standard 6 and 12" Lengths Available
- ✓ Sheath Diameters from 0.010 to 0.125"
- ✓ Grounded, Ungrounded, or Exposed Junction
- ✓ Color-Coded SMP Miniature Connector Termination
- ✓ Mating Connector, Cable Clamp, and Locking Pin Sold Separately
- ✓ LCP and Ceramic Connectors Available
- ✓ Custom Length Available
- ✓ Cal-5 Available



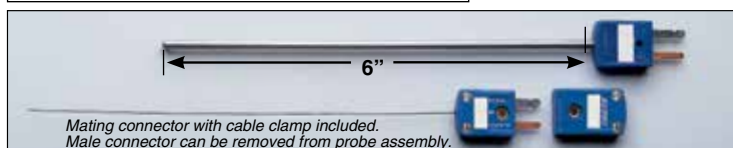
Write-on window

## Junction Types



ANSI color code shown  
To order IEC color code visit us online

Available! XL Sheaths for Highest Temperatures. Greatest Stability in Type K and Type N



## Thermocouple Assemblies with Subminiature Connector

| Alloy/ANSI Color Code                                            | Sheath Dia. inches                                 | Model No. 6" Length                                                                                      | Model No. 12" Length                                                                                           | Sold Separately     |                |                |
|------------------------------------------------------------------|----------------------------------------------------|----------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|---------------------|----------------|----------------|
|                                                                  |                                                    |                                                                                                          |                                                                                                                | Mating Connector PN | Cable Clamp PN | Safety Clip PN |
| Iron-Constantan<br>304 SS Sheath<br><b>J</b>                     | 0.010<br>0.020<br>0.032<br>0.062<br>0.125          | SICSS-010(*)-6<br>SICSS-020(*)-6<br>SICSS-032(*)-6<br>SICSS-062(*)-6<br>SICSS-125(*)-6                   | SICSS-010(*)-12<br>SICSS-020(*)-12<br>SICSS-040(*)-12<br>SICSS-062(*)-12<br>SICSS-125(*)-12                    | SMPW-[*]-F          | PCLM-SMP       | SMCL           |
| CHROMEGLA™-ALOMEGA™<br>304 SS Sheath<br><b>K</b>                 | 0.010<br>0.020<br>0.032<br>0.040<br>0.062<br>0.125 | SCASS-010(*)-6<br>SCASS-020(*)-6<br>SCASS-032(*)-6<br>SCASS-040(*)-6<br>SCASS-062(*)-6<br>SCASS-125(*)-6 | SCASS-010(*)-12<br>SCASS-020(*)-12<br>SCASS-032(*)-12<br>SCASS-040(*)-12<br>SCASS-062(*)-12<br>SCASS-125(*)-12 |                     |                |                |
| CHROMEGLA™-ALOMEGA™<br>Super OMEGA-CLAD™ XL Sheath<br><b>K</b>   | 0.010<br>0.020<br>0.032<br>0.040<br>0.062<br>0.125 | SCAXL-010(*)-6<br>SCAXL-020(*)-6<br>SCAXL-032(*)-6<br>SCAXL-040(*)-6<br>SCAXL-062(*)-6<br>SCAXL-125(*)-6 | SCAXL-010(*)-12<br>SCAXL-020(*)-12<br>SCAXL-032(*)-12<br>SCAXL-040(*)-12<br>SCAXL-062(*)-12<br>SCAXL-125(*)-12 |                     |                |                |
| OMEGA-P™<br>-OMEGA-N™<br>Super OMEGA-CLAD™ XL Sheath<br><b>N</b> | 0.020<br>0.032<br>0.040<br>0.062<br>0.125          | SNNXL-020(*)-6<br>SNNXL-032(*)-6<br>SNNXL-040(*)-6<br>SNNXL-062(*)-6<br>SNNXL-125(*)-6                   | SNNXL-020(*)-12<br>SNNXL-032(*)-12<br>SNNXL-040(*)-12<br>SNNXL-062(*)-12<br>SNNXL-125(*)-12                    |                     |                |                |
| CHROMEGLA™-Constantan<br>304 SS Sheath<br><b>E</b>               | 0.010<br>0.020<br>0.032<br>0.040<br>0.062<br>0.125 | SCXSS-010(*)-6<br>SCXSS-020(*)-6<br>SCXSS-032(*)-6<br>SCXSS-040(*)-6<br>SCXSS-062(*)-6<br>SCXSS-125(*)-6 | SCXSS-010(*)-12<br>SCXSS-020(*)-12<br>SCXSS-032(*)-12<br>SCXSS-040(*)-12<br>SCXSS-062(*)-12<br>SCXSS-125(*)-12 |                     |                |                |
| Copper-Constantan<br>304 SS Sheath<br><b>T</b>                   | 0.020<br>0.032<br>0.040<br>0.062<br>0.125          | SCPSS-020(*)-6<br>SCPSS-032(*)-6<br>SCPSS-040(*)-6<br>SCPSS-062(*)-6<br>SCPSS-125(*)-6                   | SCPSS-020(*)-12<br>SCPSS-032(*)-12<br>SCPSS-040(*)-12<br>SCPSS-062(*)-12<br>SCPSS-125(*)-12                    |                     |                |                |

**Note:** Each probe includes mating connector and cable clamp. Other lengths available, consult Sales Department.

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

To order with Inconel sheath, (except 0.010 Dia. Type J and T probes), change "SS" in model number to "IN", no additional cost.

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

To order Super OMEGACLAD™ XL (for highest temperature and stability rating in Type K and Type N), change "SS" in model number to "XL".

**Ordering Examples:** SCAIN-125G-6, subminiature quick-disconnect probe, Type K, 0.125" OD, Inconel sheath, 6" length, grounded junction.

SCA321SS-062U-6, subminiature quick disconnect probe, Type K, 321 stainless steel sheath, 0.062" O.D., ungrounded junction, 6" long.

SCAXL-125G-6, subminiature quick-disconnect probe, Type K, CHROMEGLA™-ALOMEGA™, Super OMEGACLAD™ XL sheath, 0.125" OD, grounded junction, 6" length,