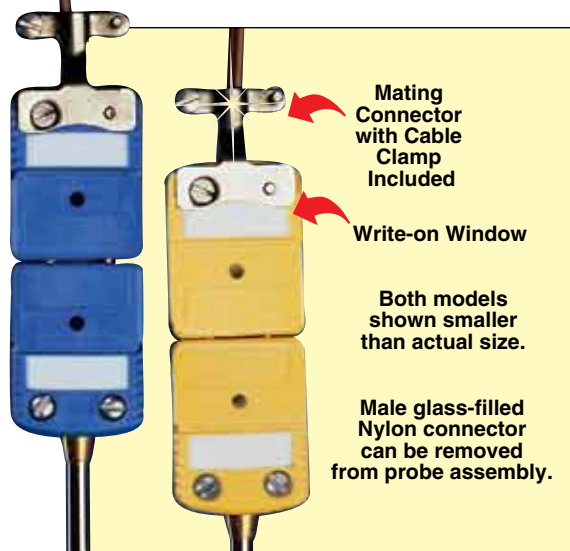


# Quick Disconnect Thermocouples with Removable Standard Size Connectors

Available as



- ✓ Standard Size OSTW Probe Termination
- ✓ 300 mm (12"), 450 mm (18") and 600 mm (24") Lengths in Stock†
- ✓ Choice of 304, 310 316, 321 SS, Inconel Sheath or Super OMEGACLAD® XL Sheath
- ✓ Diameters from 1.5 to 6.0 mm ( $\frac{1}{16}$  to  $\frac{1}{4}$ ")
- ✓ Connector Body Rated to 220°C (425°F)

NEWPORT® quick disconnect thermocouple Assemblies feature standard size OSTW thermocouple connectors, with probes from  $\frac{1}{16}$  to  $\frac{1}{4}$ ". These probes are available with grounded, ungrounded or exposed junctions with 304, 310, 316, or 321 stainless steel or Inconel sheaths.

**To Order Visit [newportUS.com/JKETN\\_CA](http://newportUS.com/JKETN_CA) for Pricing and Details**

| Thermocouple Alloy                                              | Sheath Dia. mm (inch)  | Model No. 300 mm (12") Length | Model No. 450 mm (18") Length | Model No. 600 mm (24") Length |
|-----------------------------------------------------------------|------------------------|-------------------------------|-------------------------------|-------------------------------|
| <b>IRON-CONSTANTAN</b><br>Inconel Sheath <b>J</b>               | 1.5 ( $\frac{1}{16}$ ) | ICIN-116(*)-12                | ICIN-116(*)-18                | ICIN-116(*)-24                |
|                                                                 | 3.0 ( $\frac{1}{8}$ )  | ICIN-18(*)-12                 | ICIN-18(*)-18                 | ICIN-18(*)-24                 |
|                                                                 | 4.5 ( $\frac{3}{16}$ ) | ICIN-316(*)-12                | ICIN-316(*)-18                | ICIN-316(*)-24                |
|                                                                 | 6.0 ( $\frac{1}{4}$ )  | ICIN-14(*)-12                 | ICIN-14(*)-18                 | ICIN-14(*)-24                 |
| <b>IRON-CONSTANTAN</b><br>304 SS Sheath <b>J</b>                | 1.5 ( $\frac{1}{16}$ ) | ICSS-116(*)-12                | ICSS-116(*)-18                | ICSS-116(*)-24                |
|                                                                 | 3.0 ( $\frac{1}{8}$ )  | ICSS-18(*)-12                 | ICSS-18(*)-18                 | ICSS-18(*)-24                 |
|                                                                 | 4.5 ( $\frac{3}{16}$ ) | ICSS-316(*)-12                | ICSS-316(*)-18                | ICSS-316(*)-24                |
|                                                                 | 6.0 ( $\frac{1}{4}$ )  | ICSS-14(*)-12                 | ICSS-14(*)-18                 | ICSS-14(*)-24                 |
| <b>CHROMEGA® ALOMEGA®</b><br>Inconel Sheath <b>K</b>            | 1.5 ( $\frac{1}{16}$ ) | CAIN-116(*)-12                | CAIN-116(*)-18                | CAIN-116(*)-24                |
|                                                                 | 3.0 ( $\frac{1}{8}$ )  | CAIN-18(*)-12                 | CAIN-18(*)-18                 | CAIN-18(*)-24                 |
|                                                                 | 4.5 ( $\frac{3}{16}$ ) | CAIN-316(*)-12                | CAIN-316(*)-18                | CAIN-316(*)-24                |
|                                                                 | 6.0 ( $\frac{1}{4}$ )  | CAIN-14(*)-12                 | CAIN-14(*)-18                 | CAIN-14(*)-24                 |
| <b>CHROMEGA® ** ALOMEGA®</b><br>304 SS Sheath <b>K</b>          | 1.5 ( $\frac{1}{16}$ ) | CASS-116(*)-12                | CASS-116(*)-18                | CASS-116(*)-24                |
|                                                                 | 3.0 ( $\frac{1}{8}$ )  | CASS-18(*)-12                 | CASS-18(*)-18                 | CASS-18(*)-24                 |
|                                                                 | 4.5 ( $\frac{3}{16}$ ) | CASS-316(*)-12                | CASS-316(*)-18                | CASS-316(*)-24                |
|                                                                 | 6.0 ( $\frac{1}{4}$ )  | CASS-14(*)-12                 | CASS-14(*)-18                 | CASS-14(*)-24                 |
| <b>CHROMEGA®-CONSTANTAN</b><br>Inconel Sheath <b>E</b>          | 1.5 ( $\frac{1}{16}$ ) | CXIN-116(*)-12                | CXIN-116(*)-18                | CXIN-116(*)-24                |
|                                                                 | 3.0 ( $\frac{1}{8}$ )  | CXIN-18(*)-12                 | CXIN-18(*)-18                 | CXIN-18(*)-24                 |
|                                                                 | 4.5 ( $\frac{3}{16}$ ) | CXIN-316(*)-12                | CXIN-316(*)-18                | CXIN-316(*)-24                |
|                                                                 | 6.0 ( $\frac{1}{4}$ )  | CXIN-14(*)-12                 | CXIN-14(*)-18                 | CXIN-14(*)-24                 |
| <b>CHROMEGA®-CONSTANTAN</b><br>304 SS Sheath <b>E</b>           | 1.5 ( $\frac{1}{16}$ ) | CXSS-116(*)-12                | CXSS-116(*)-18                | CXSS-116(*)-24                |
|                                                                 | 3.0 ( $\frac{1}{8}$ )  | CXSS-18(*)-12                 | CXSS-18(*)-18                 | CXSS-18(*)-24                 |
|                                                                 | 4.5 ( $\frac{3}{16}$ ) | CXSS-316(*)-12                | CXSS-316(*)-18                | CXSS-316(*)-24                |
|                                                                 | 6.0 ( $\frac{1}{4}$ )  | CXSS-14(*)-12                 | CXSS-14(*)-18                 | CXSS-14(*)-24                 |
| <b>COPPER-CONSTANTAN</b><br>Inconel Sheath <b>T</b>             | 1.5 ( $\frac{1}{16}$ ) | CPIN-116(*)-12                | CPIN-116(*)-18                | CPIN-116(*)-24                |
|                                                                 | 3.0 ( $\frac{1}{8}$ )  | CPIN-18(*)-12                 | CPIN-18(*)-18                 | CPIN-18(*)-24                 |
|                                                                 | 4.5 ( $\frac{3}{16}$ ) | CPIN-316(*)-12                | CPIN-316(*)-18                | CPIN-316(*)-24                |
|                                                                 | 6.0 ( $\frac{1}{4}$ )  | CPIN-14(*)-12                 | CPIN-14(*)-18                 | CPIN-14(*)-24                 |
| <b>COPPER-CONSTANTAN</b><br>304 SS Sheath <b>T</b>              | 1.5 ( $\frac{1}{16}$ ) | CPSS-116(*)-12                | CPSS-116(*)-18                | CPSS-116(*)-24                |
|                                                                 | 3.0 ( $\frac{1}{8}$ )  | CPSS-18(*)-12                 | CPSS-18(*)-18                 | CPSS-18(*)-24                 |
|                                                                 | 4.5 ( $\frac{3}{16}$ ) | CPSS-316(*)-12                | CPSS-316(*)-18                | CPSS-316(*)-24                |
|                                                                 | 6.0 ( $\frac{1}{4}$ )  | CPSS-14(*)-12                 | CPSS-14(*)-18                 | CPSS-14(*)-24                 |
| <b>OMEGALLOY® ** NICHROSIL-NISIL</b><br>Inconel Sheath <b>N</b> | 1.5 ( $\frac{1}{16}$ ) | NNIN-116(*)-12                | NNIN-116(*)-18                | NNIN-116(*)-24                |
|                                                                 | 3.0 ( $\frac{1}{8}$ )  | NNIN-18(*)-12                 | NNIN-18(*)-18                 | NNIN-18(*)-24                 |
|                                                                 | 4.5 ( $\frac{3}{16}$ ) | NNIN-316(*)-12                | NNIN-316(*)-18                | NNIN-316(*)-24                |
|                                                                 | 6.0 ( $\frac{1}{4}$ )  | NNIN-14(*)-12                 | NNIN-14(*)-18                 | NNIN-14(*)-24                 |

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

\* Specify junction type: "E" (Exposed), "G" (Grounded) or "U" (Ungrounded). To order with 310, 316 or 321 stainless steel sheath, change "SS" in model number to "310SS", "316SS" or "321SS" respectively, no additional charge. To order replacement probe, no connector, add "-RP" to model number for reduced cost. \*\* To order Super OMEGACLAD® XL, change "IN" to "XL" for additional cost.

**Ordering Example:** CAXL-18U-12, quick disconnect probe, Type K (CHROMEGA®-ALOMEGA®), Super OMEGACLAD® XL sheath, 3 mm ( $\frac{1}{8}$ ") OD, ungrounded junction, 300 mm (12") length.

A321SS-18G-12, quick disconnect probe, Type K (CHROMEGA®-ALOMEGA®), 321 SS sheath,  $\frac{1}{8}$ " OD grounded junction.