Most Popular Miniature Connectors

Type SMPW Glass Filled Nylon
-29 to 180°C (-20 to 356°F) Service Temperature

Type HMPW Liquid Crystal Polymer
-29 to 260°C (-20 to 500°F) Service Temperature

HMPW/SMPW

- Heavy Duty Construction
- Color-Coded for ANSI and IEC
- Captive Cover Screws
- Accepts Stranded or Solid Wire up to Size 20 AWG
- Quick Connect Contact Washers
- Internal Wire Divider
- Combination Phillips/Slot Screws
- Type HMPW Environmentally Friendly Cadmium-Free

SMPW — Glass-Filled Nylon
HMPW — Cadmium Free Liquid Crystal Polymer

Shown smaller than actual size.

Note: SMPW only. Minor discoloration of connector may occur between 150°C (302°F) and 180°C (356°F). Electrical properties are not affected.
# To Order

<table>
<thead>
<tr>
<th>Alloy Code</th>
<th>Compensating Alloy Used in Connector</th>
<th>Shell Color</th>
<th>Glass-Filled Nylon Model Number w/Window</th>
<th>Liquid Crystal Polymer Model Number w/Window</th>
</tr>
</thead>
<tbody>
<tr>
<td>K</td>
<td>CHROMEGA®, ALOMEGA®</td>
<td>Yellow</td>
<td>SMPW-K-(*)</td>
<td>HMPW-K-(*)</td>
</tr>
<tr>
<td>T</td>
<td>Copper</td>
<td>Blue</td>
<td>SMPW-T-(*)</td>
<td>HMPW-T-(*)</td>
</tr>
<tr>
<td>J</td>
<td>Iron</td>
<td>Black</td>
<td>SMPW-J-(*)</td>
<td>HMPW-J-(*)</td>
</tr>
<tr>
<td>E</td>
<td>CHROMEGA®</td>
<td>Purple</td>
<td>SMPW-E-(*)</td>
<td>HMPW-E-(*)</td>
</tr>
<tr>
<td>R/S</td>
<td>Copper</td>
<td>Green</td>
<td>SMPW-R/S-(*)</td>
<td>HMPW-R/S-(*)</td>
</tr>
<tr>
<td>G</td>
<td>GPX</td>
<td>Red/Grn</td>
<td>SMPW-G-(*)</td>
<td>HMPW-G-(*)</td>
</tr>
<tr>
<td>C</td>
<td>CPX</td>
<td>Red</td>
<td>SMPW-C-(*)</td>
<td>HMPW-C-(*)</td>
</tr>
<tr>
<td>D</td>
<td>DPX</td>
<td>Red/Wht</td>
<td>SMPW-D-(*)</td>
<td>HMPW-D-(*)</td>
</tr>
<tr>
<td>U</td>
<td>Copper</td>
<td>White</td>
<td>SMPW-U-(*)</td>
<td>HMPW-U-(*)</td>
</tr>
<tr>
<td>N</td>
<td>OMEGA-P®, OMEGA-N®</td>
<td>Orange</td>
<td>SMPW-N-(*)</td>
<td>HMPW-N-(*)</td>
</tr>
</tbody>
</table>

*To order, specify “M” for male connector only, or “F” for female connector only.
†J, K, T, E, R, S and B are ANSI designations. OMEGALLOY® is generically known as Nicrosil-Nisil. ANSI color coded models shown.

**Note:** Non-Window models available, please consult Sales for details.

Type U (uncompensated) connectors are used with Type B thermocouples (Pt6%Rh-Pt30%Rh).


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**Discount Schedule**

- 1-10 ........................................ Net
- 11-49 ..................................... 5%
- 50-99 ...................................... 10%
- 100-999 ................................... 15%
- 1000-4999 .................................. 20%
- 5000 and over ......................... 25%

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Quick connect contact washers. Additional washers available, order CW-SMP-20, pkg of 20, or CW-SMP-100, pkg of 100.