

**Type SMPW Glass Filled Nylon**

-29 to 180°C (-20 to 356°F) Service Temperature

**Type HMPW Liquid Crystal Polymer**

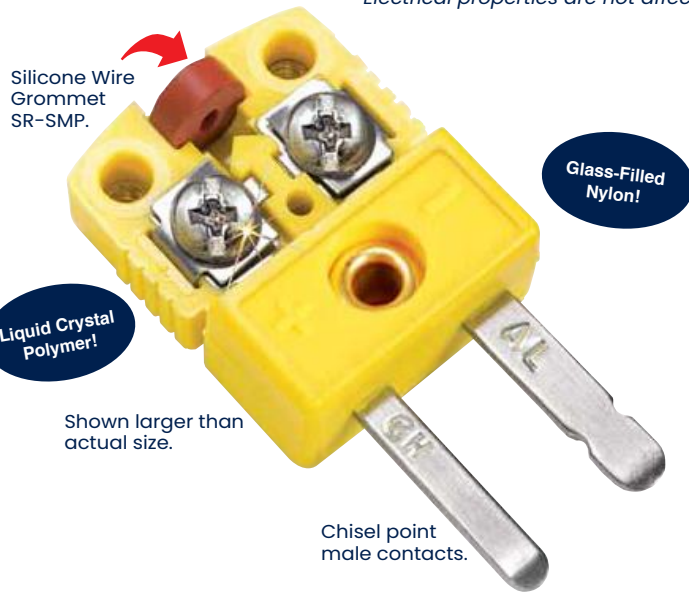
-29 to 260°C (-20 to 500°F) Service Temperature

**Most Popular Miniature Connectors**

# HMPW/SMPW Basic Pair

- ▶ 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

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

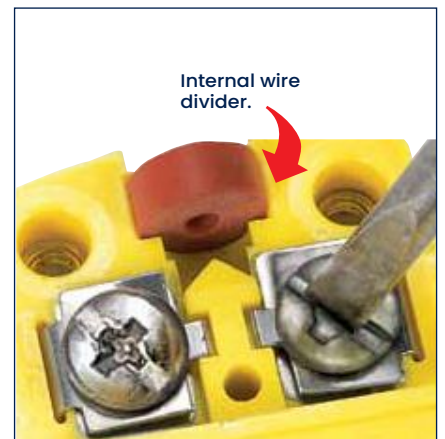


Chisel point male contacts.

**MONOGRAM<sup>®</sup>  
SERIES**

**SMPW**  
-29 to 180°C

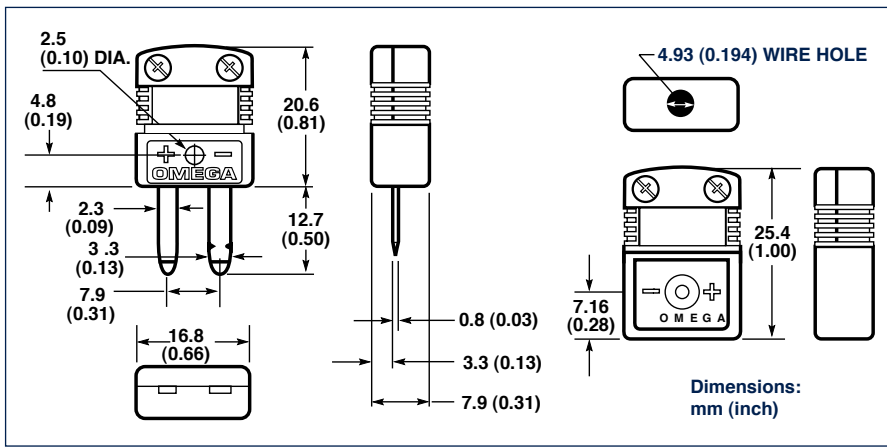
**HMPW**  
-29 to 260°C



**SMPW — Glass-Filled Nylon**  
**HMPW — Cadmium Free Liquid**

Shown smaller than actual size.

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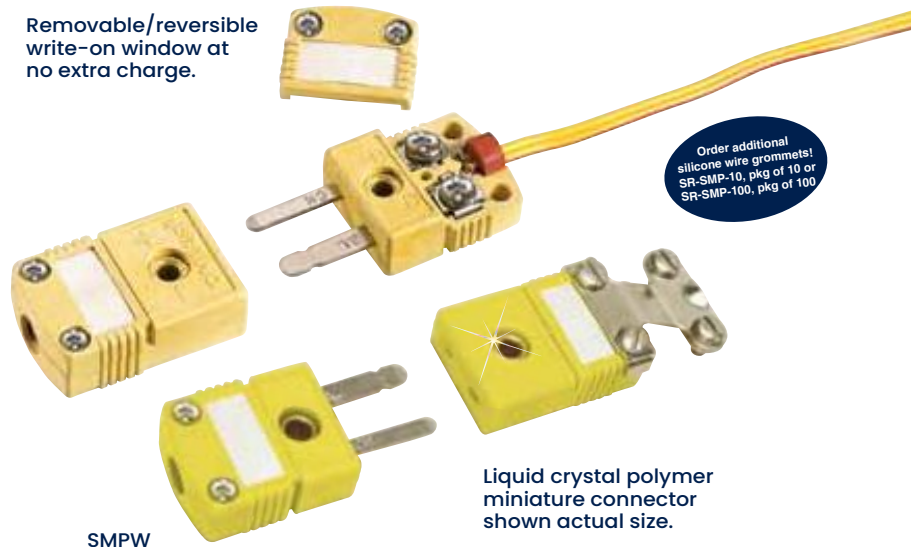
The write-on connector is a trademark of OMEGA Engineering, Inc. Additional write-on windows available, order WCP-S, pkg of 5.



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

Removable/reversible write-on window at no extra charge.

HMPW



Order additional silicone wire grommets! SR-SMP-10, pkg of 10 or SR-SMP-100, pkg of 100

SMPW

Liquid crystal polymer miniature connector shown actual size.

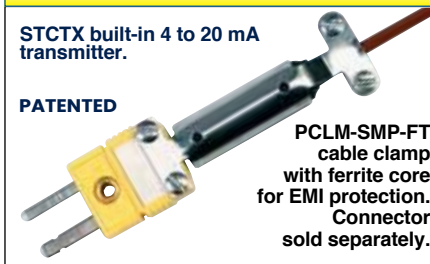
### Also Available!

Transmitters and Ferrite Cores for EMI Protection

STCTX built-in 4 to 20 mA transmitter.

PATENTED

PCLM-SMP-FT cable clamp with ferrite core for EMI protection. Connector sold separately.



## To Order

Alloy Code†	Compensating Alloy Used in Connector		Shell Color	Glass-Filled Nylon Model Number w/Window	Liquid Crystal Polymer Model Number w/Window
	+	-			
K	CHROME <sup>®</sup>	ALOMEGA <sup>®</sup>	Yellow	SMPW-K-(*)	HMPW-K-(*)
T	Copper	Constantan	Blue	SMPW-T-(*)	HMPW-T-(*)
J	Iron	Constantan	Black	SMPW-J-(*)	HMPW-J-(*)
E	CHROME <sup>®</sup>	Constantan	Purple	SMPW-E-(*)	HMPW-E-(*)
R/S	Copper	RNX/SNX	Green	SMPW-R/S-(*)	HMPW-R/S-(*)
G	GPX	GNX	Red/Grn	SMPW-G-(*)	HMPW-G-(*)
C	CPX	CNX	Red	SMPW-C-(*)	HMPW-C-(*)
D	DPX	DNX	Red/Wht	SMPW-D-(*)	HMPW-D-(*)
U	Copper	Copper	White	SMPW-U-(*)	HMPW-U-(*)
N	OMEGA-P <sup>®</sup>	OMEGA-N <sup>®</sup>	Orange	SMPW-N-(*)	HMPW-N-(*)

\*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<sup>®</sup> 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 (Pt/6%Rh-Pt/30%Rh).

Ordering Examples: SMPW-K-M, glass-filled nylon, Type K male connector. SMPW-K-F, glass-filled nylon, Type K female connector.