

Most Popular Miniature Connectors

Type SMPW Glass Filled Nylon -29 to 220°C
(-20 to 425°F) Service Temperature

Type HMPW Liquid Crystal Polymer
260°C/500°F Service Temperature

ANSI
color
code
shown

To order
IEC color
code see
pg. A-9



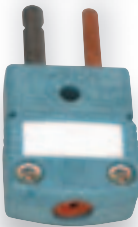
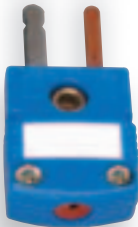
**GLASS-FILLED
NYLON!**

Ω MONOGRAM[®] SERIES

SMPW
-29 to 220°C



HMPW
-29 to 260°C



SMPW — Glass-Filled Nylon
HMPW — Cadmium Free Liquid
Crystal Polymer
Shown smaller than actual size

- ✓ 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

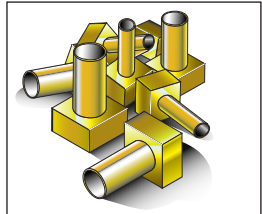
Silicone Wire
Grommet,
SR-SMP

\$4.00

HMPW Series
Basic Pair

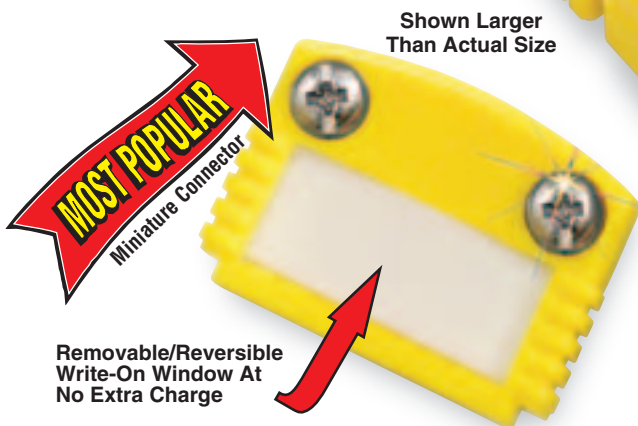
NEW!

Crimp Style Brass
and Stainless Steel
Bushing



Available in sizes to fit
0.020 to 0.125" and
1.5 and 3.0 mm diameter
probes. See Page G-16

We make running changes
when technical advances allow.
Check at time of ordering
for additional features.



Shown Larger
Than Actual Size

Removable/Reversible
Write-On Window At
No Extra Charge

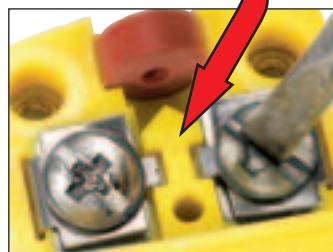
**LIQUID CRYSTAL
POLYMER!**

PATENTED

Covered by U.S. and
International patents and
pending applications

Chisel Point
Male Contacts

Internal Wire
Divider



Also Available!

**Transmitters and Ferrite Cores
for EMI Protection**

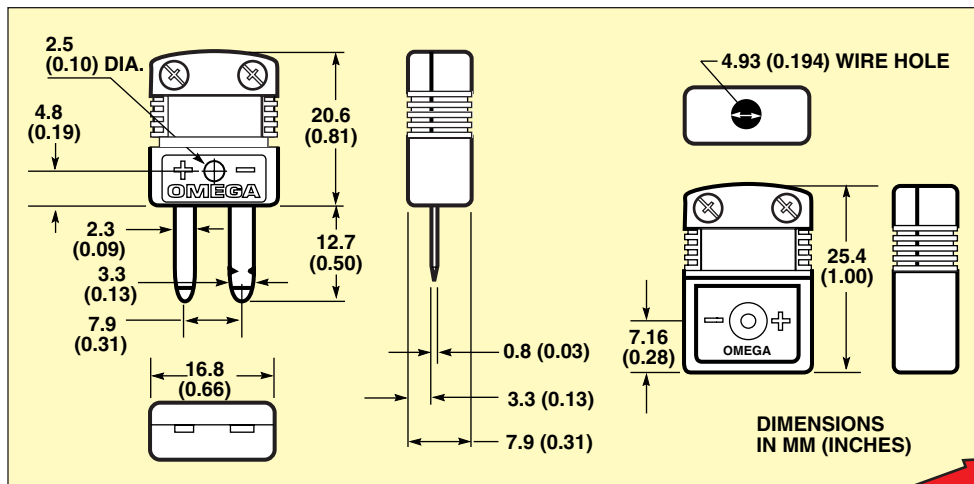
Model SPRTX Built-in
4 to 20 mA Transmitter \$75.
See page N-5.

PATENTED



Model
PCLM-FT
Cable Clamp
with Ferrite Core
for EMI Protection,
\$2.50 ea. Connector
sold separately.

See OMEGA's Complete Selection
of Connector Accessories
Featured on Pages G-19, G-25 and
G-32, and online at omega.com



The write-on connector is a trademark of OMEGA Engineering, Inc.

Additional write-on windows available, order WCP-S, \$0.25/pkg of 5.

\$4⁴⁰

HMPW Series Basic Pair

Additional silicone wire grommets

Order SR-SMP-10, \$0.50/pkg of 10

Order SR-SMP-100, \$5.00/pkg of 100

Quick Connect Contact Washers

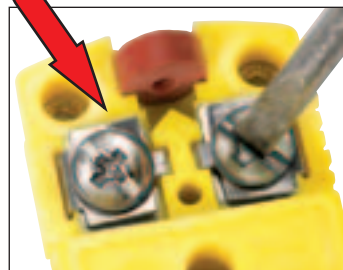
Additional washers available,

Order CW-SMP-20,

\$2.00/pkg of 20,

or CW-SMP-100,

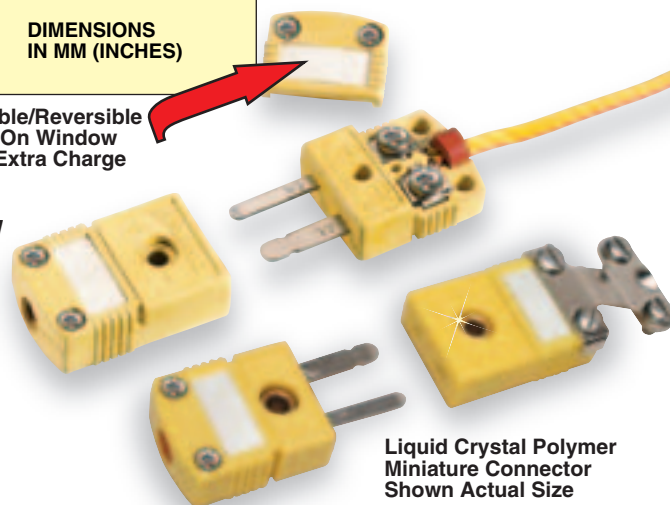
\$8.50/pkg of 100



PATENTED

Covered by U.S and International patents and pending applications

HMPW



Liquid Crystal Polymer Miniature Connector Shown Actual Size

SMPW

Discount Schedule

1-10Net
11-2410%
25-4915%
50-9920%
100-99925%
1000 and over	Consult Sales

ALL MODELS AVAILABLE FOR FAST DELIVERY!

To Order (Specify Model Number) RANGE: -29 to 220°C (-20 to 425°F) RANGE: -29 to 260°C (-20 to 500°F)

Alloy Code [†]	Compensating Alloy Used in Connector		Shell Color	Glass-Filled Nylon Model Number w/ Window	Price			Liquid Crystal Polymer Model Number w/ Window	Price		
	+	-			Pair (MF)	Female (F)	Male (M)		Pair (MF)	Female (F)	Male (M)
K	CHROME [®]	ALOMEGA [®]	Yellow	SMPW-K-*	\$4.00	\$2.25	\$1.75	HMPW-K-*	\$4.40	\$2.45	\$1.95
T	Copper	Constantan	Blue	SMPW-T-*	4.00	2.25	1.75	HMPW-T-*	4.40	2.45	1.95
J	Iron	Constantan	Black	SMPW-J-*	4.00	2.25	1.75	HMPW-J-*	4.40	2.45	1.95
E	CHROME [®]	Constantan	Purple	SMPW-E-*	4.00	2.25	1.75	HMPW-E-*	4.40	2.45	1.95
R/S	Copper	RNX/SNX	Green	SMPW-R/S-*	4.00	2.25	1.75	HMPW-R/S-*	4.40	2.45	1.95
G	GPX	GNX	Red/Grn	SMPW-G-*	4.00	2.25	1.75				
C	CPX	CNX	Red	SMPW-C-*	4.00	2.25	1.75	HMPW-C-*	4.40	2.45	1.95
D	DPX	DNX	Red/Wht	SMPW-D-*	4.00	2.25	1.75				
U	Copper	Copper	White	SMPW-U-*	4.00	2.25	1.75	HMPW-U-*	4.40	2.45	1.95
N	OMEGA-P [®]	OMEGA-N [®]	Orange	SMPW-N-*	6.00	3.40	2.60	HMPW-N-*	6.40	3.60	2.80

^{*}To Order: Specify "MF" for a connector pair, "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.

^{††} Non-Window models available, please consult Sales for details.

Note: Type U (uncompensated) connectors are used with Type B thermocouples (Pt/6%Rh-Pt/30%Rh)

Ordering Examples: SMPW-K-MF, glass-filled nylon, Type K connector pair, \$4.00. SMPW-K-M, glass-filled nylon, Type K male connector, \$1.75.

SMPW-K-F, glass-filled nylon, Type K female connector, \$2.25. HMPW-K-MF, liquid crystal polymer, Type K connector pair, \$4.40.



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• Temperature

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• Flow and Level

Air Velocity Indicators, Doppler Flowmeters, Level Measurement, Magnetic Flowmeters, Mass Flowmeters, Pitot Tubes, Pumps, Rotameters, Turbine and Paddle Wheel Flowmeters, Ultrasonic Flowmeters, Valves, Variable Area Flowmeters, Vortex Shedding Flowmeters

• pH and Conductivity

Conductivity Instrumentation, Dissolved Oxygen Instrumentation, Environmental Instrumentation, pH Electrodes and Instruments, Water and Soil Analysis Instrumentation

• Data Acquisition

Auto-Dialers and Alarm Monitoring Systems, Communication Products and Converters, Data Acquisition and Analysis Software, Data Loggers Plug-in Cards, Signal Conditioners, USB, RS232, RS485 and Parallel Port Data Acquisition Systems, Wireless Transmitters and Receivers

• Pressure, Strain and Force

Displacement Transducers, Dynamic Measurement Force Sensors, Instrumentation for Pressure and Strain Measurements, Load Cells, Pressure Gauges, Pressure Reference Section, Pressure Switches, Pressure Transducers, Proximity Transducers, Regulators, Strain Gages, Torque Transducers, Valves

• Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters