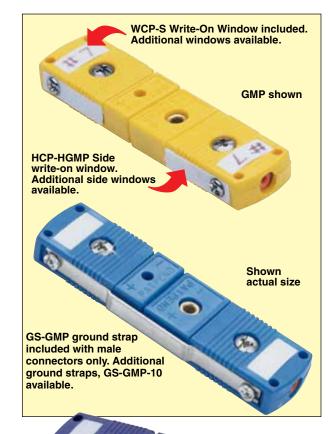
Low-Noise, High-**CE OMEGA** Temperature Miniature Connectors GMP Glass-Filled Nylon Rated -29 to 220°C (-20 to 425°F) HGMP Liquid Crystal Polymer Rated -29 to 260°C (-20 to 500°F)

GMP and HGMP Series

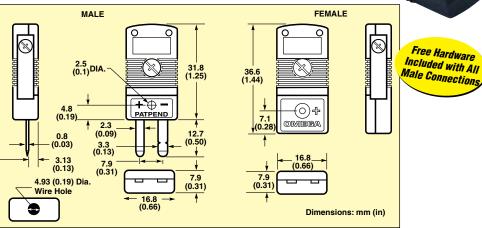
- ✓ Connector Ground Protects **Against Electrical Noise Errors**
- ✓ Write-On Window for Easy Identification
- Superior Mechanical Connection **Prevents Signal Loss Due to** Vibration or Wire Movement
- ✓ High-Purity Thermocouple Alloy Pins and Sockets
- Accepts Stranded or Solid Wire Up to Size 20 AWG

The OMEGA® GMP and HGMP miniature lownoise connectors are designed to provide easy connection of ground wires to OMEGA® probes and extension wires. The drain wire of a 20 AWG twisted shield cable or the shield of the overbraided wire is crimped and held in place by the their internal hardware. They have excellent thermal and electrical characteristics to assure high accuracy. Each connector includes write-on windows for front and side, and an external ground strap to maintain the electrical connection of the ground wire and strengthen the mechanical link between connectors.



See OMEGA's Complete Selection of Connector Accessories visit us online

Please visit us online for EXPP Series twisted and shielded thermocouple wire.



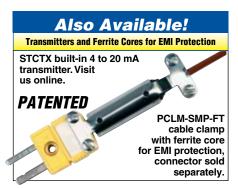
Miniature connectors shown actual size.

Crimp Style Brass and Stainless Steel **Bushing**

Free Hardware



Available in sizes to fit 0.020 to 0.125" and 1.5 and 3.0 mm diameter probes. Visit us online for details.



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



Connector design is a registered trademark of OMEGA Engineering, Inc.

The foolproof connector! Interior and side screws have combination heads, so you can use either a flathead or Phillips screwdriver. And they're captive, so they won't fall out.



To Order						
		Compensating Alloy				
Alloy	Type Thermocouple	Used in Connector		Shell	Model	
Code [†]	Used with Connector	+	-	Color	Number	
K	CHROMEGA®-ALOMEGA®	CHROMEGA	ALOMEGA	Yellow	GMP-K-(*)	
T	Copper-Constantan	Copper	Constantan	Blue	GMP-T-(*)	
J	Iron-Constantan	Iron	Constantan	Black	GMP-J-(*)	
E	CHROMEGA-Constantan	CHROMEGA	Constantan	Purple	GMP-E-(*)	
R/S	Pt/13%Rh-Pt	Copper	Alloy #11	Green	GMP-R/S-(*)	
G	W-W/26%Re	GPX	GNX	Red/Green	GMP-G-(*)	
С	W/5% Re-W/26%Re	CPX	CNX	Red	GMP-C-(*)	
D	W/3% Re-W/25%Re	DPX	DNX	Red/White	GMP-D-(*)	
U	Uncompensated	Copper	Copper	White	GMP-U-(*)	
N	OMEGALLOY®	OMEGA-P®	OMEGA-N®	Orange	GMP-N-(*)	
K	CHROMEGA-ALOMEGA	CHROMEGA	ALOMEGA	Yellow	HGMP-K-(*)	
T	Copper-Constantan	Copper	Constantan	Blue	HGMP-T-(*)	
J	Iron-Constantan	Iron	Constantan	Black	HGMP-J-(*)	
E	CHROMEGA-Constantan	CHROMEGA	Constantan	Purple	HGMP-E-(*)	
R/S	Pt/13%Rh-Pt	Copper	RNX/SNX	Green	HGMP-R/S-(*)	
G	W-W/26%Re	GPX	GNX	Red/Green	HGMP-G-(*)	
С	W/5% Re-W/26%Re	CPX	CNX	Red	HGMP-C-(*)	
D	W/3% Re-W/25%Re	DPX	DNX	Red/White	HGMP-D-(*)	
U	Uncompensated	Copper	Copper	White	HGMP-U-(*)	
N	OMEGALLOY	OMEGA-P	OMEGA-N	Orange	HGMP-N-(*)	

Accessories

Model No.	Description	
HCP-S	Write-on window for HGMP connector face	
WCP-S	Replaceable write-on windows for GMP connector face	
HCP-HGMP	Write-on window for HGMP connector side	
WCP-GMP	Replaceable write-on insert for GMP connector side	
GS-GMP-10	Ground straps	

Note: Each connector is supplied with a write-on window for the face and side. The ground strap replaces the side window and maintains the electrical connection through the connector.

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

Ordering Examples: HGMP-J-M, high-temp, low-noise, Type J calibration, male connector.

HGMP-K-F, high-temp, low-noise, Type K calibration, female connector.

^{*}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 models shown.