

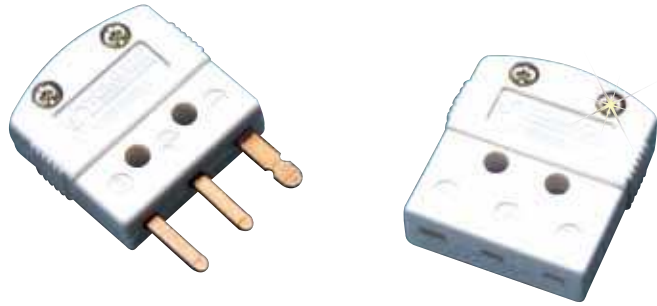
# 3-Prong Miniature Connectors

## For Thermocouples, RTD's and 3-Wire Thermistors

### Glass-Filled Nylon Rated from -29 to 220°C (-20 to 425°F)

#### MTP Basic Male Connector

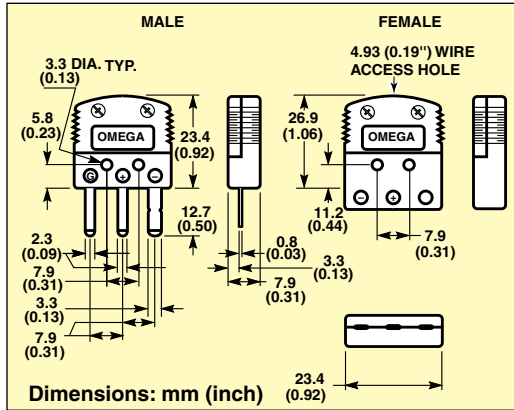
- ✓ Supplied with Shielded Wire Copper Connection Pin
- ✓ Glass-Filled Nylon, Rated to -29 to 220°C (-20 to 425°F)
- ✓ Heavy Duty Construction
- ✓ Color-Coded
- ✓ Accepts Stranded or Solid Wire up to Size 20 AWG
- ✓ Combination Phillips/Slot Screws



Miniature uncompensated version male and female shown actual size.

Maximum wire diameter is 3 mm (0.125").

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



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

**Also Available!**

Transmitters and Ferrite Cores for EMI Protection

SPRTX, 2-wire RTD connector/transmitter

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

**PATENTED**

**To Order Visit [newportUS.com/mtp](http://newportUS.com/mtp) for Pricing and Details**

Alloy Code†	Type of Thermocouple Used with Connector	Compensating Alloy Used in Connector			Model No. ANSI Shell Color	Color Code
		+	-	G		
<b>K</b>	CHROMEQA®-ALOMEGA®	CHROMEQA®	ALOMEGA®	Copper	Yellow	<b>MTP-K-(* )</b>
<b>T</b>	Copper-Constantan	Copper	Constantan	Copper	Blue	<b>MTP-T-(* )</b>
<b>J</b>	Iron-Constantan	Iron	Constantan	Copper	Black	<b>MTP-J-(* )</b>
<b>E</b>	CHROMEQA®-Constantan	CHROMEQA®	Constantan	Copper	Purple	<b>MTP-E-(* )</b>
<b>U</b>	Uncompensated	Copper	Copper	Copper	White	<b>MTP-U-(* )</b>
<b>N</b>	OMEGALLOY®	OMEGA-P®	OMEGA-N®	Copper	Orange	<b>MTP-N-(* )</b>

† K, T, J, E, R, S and B are ANSI designations.  
 \* To order, specify "MF" for a connector pair, "M" for male connector only, or "F" for female connector only.  
 OMEGALLOY® Type N is generically known as Nicrosil-Nisil.  
 OMEGA's subminiature connectors are molded of high performance glass-filled nylon. Connectors will accommodate protection tubes from 0.25 mm to 3.17 mm (0.010" to 1/8") O.D. Additional bushings can be purchased for an additional cost; order **BB-SMP-1**.  
**Ordering Examples:** MTP-K-MF, CHROMEQA®-ALOMEGA®, 3-prong subminiature connector pair. MTP-T-MF, Copper-Constantan, 3-prong subminiature connector pair.