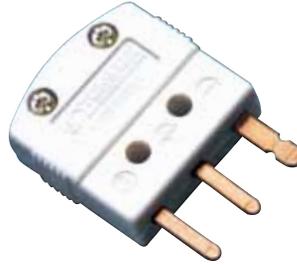


# 3-Prong Miniature Connectors

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

### MTP Series

- ✓ Supplied with Shielded Wire Copper Connection Pin
- ✓ Heavy Duty Construction
- ✓ Color-Coded
- ✓ Accepts Stranded or Solid Wire up to Size 20 AWG
- ✓ Combination Phillips/Slot Screws
- ✓ Glass-Filled Nylon Rated from -29 to 180°C (-20 to 356°F)



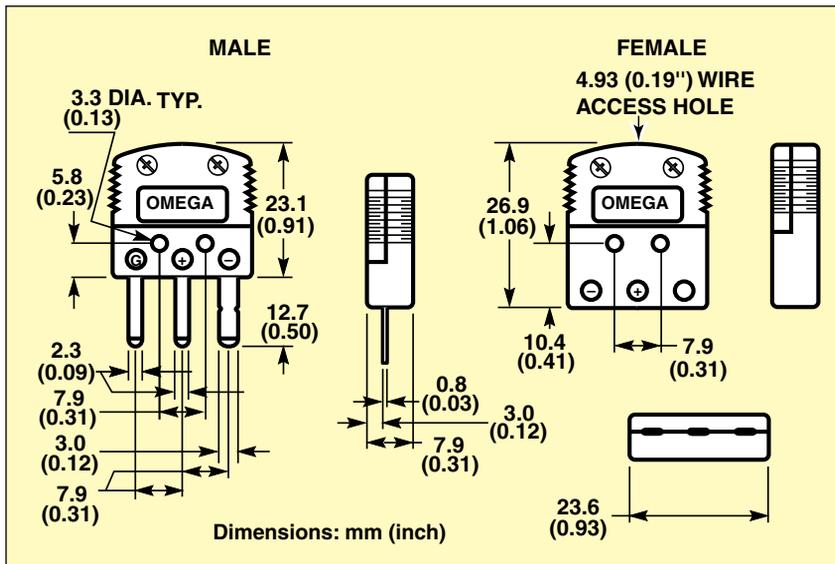
Miniature uncompensated version male and female shown actual size.

Maximum wire diameter is 3 mm (0.125").

For OMEGA's Selection of Connector Accessories Visit Us Online

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

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



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

† K, T, J, E, R, S and B are ANSI designations.

\* To order, specify "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.