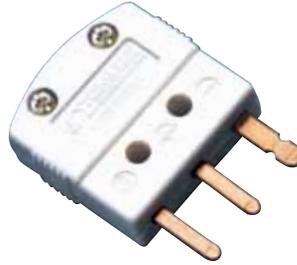


# 3-Prong Miniature Connectors

## 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)



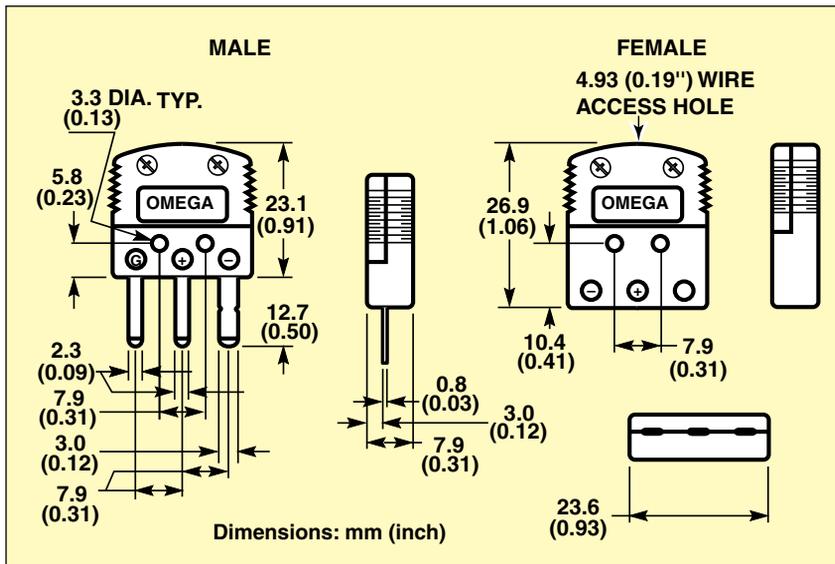
Miniature uncompensated version male and female shown actual size.

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**

| 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. Bushings can be purchased for an additional cost; order **BB-SMP-1**.