

# Quick Disconnect Connectors for Thermocouples and RTD's

STANDARD SIZE

MINIATURE SIZE

## Thermocouple- and RTD-to-Wireless Connector/Converter The Smart Connector™

- ✓ User Configurable For Type J, K, T, E, R, S, B, N, C Thermocouple and RTD Inputs
- ✓ Low Power Operation and Sleep Mode For Long Battery Life



PATENT PENDING

## Automation/Process Connectors

### DRTB Connector

- ✓ DIN Rail Mounted Thermocouple Terminal Block
- ✓ Wire Connection and Integral Subminiature SMP Female Connector, An Exclusive OMEGA Manufactured Innovation

### M8/M12 Connectors

- ✓ Integral Metal or Plastic Molded Connector on Metal Sheath Probes
- ✓ 8 or 12 mm Diameter Threaded Connector with Secure Vibration Resistant Design

DRTB Series



PATENT PENDING



M8C and M12C Series

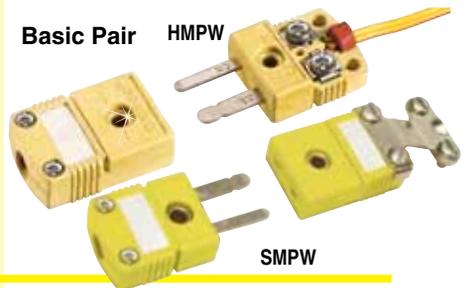
## Most Popular Connectors

- ✓ OMEGA's "Fits All" Universal Connector Accepts Both Standard and Miniature Industry Size Male Connectors
- ✓ Nylon or Higher Temp LCP Material
- ✓ Standard Removable/Reversible Write-On Windows
- ✓ Standard and Miniature Sizes
- ✓ Calibrations: K, T, J, E, R/S, G, C, D, U, N



Basic Female

OSTW-\*-F



Basic Pair HMPW

SMPW

## Ultimate Connector

- ✓ Rugged Glass-Filled Nylon Construction
- ✓ Silicon Strain Relief
- ✓ Fast Wiring Clamp Washers
- ✓ Internal Wire Divider
- ✓ Removable/Reversible Write-On Windows
- ✓ Calibrations: K, T, J, E, R/S, C, U, N



OSTW-CC-K-M

Basic Pair

OSTW-CC-K-F



SMPW-CC-K-M

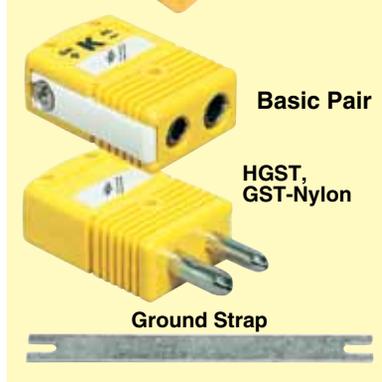
Basic Pair

SMPW-CC-K-F

Universal female design accepts both standard and miniature sized male pins.

## Low Noise Connectors

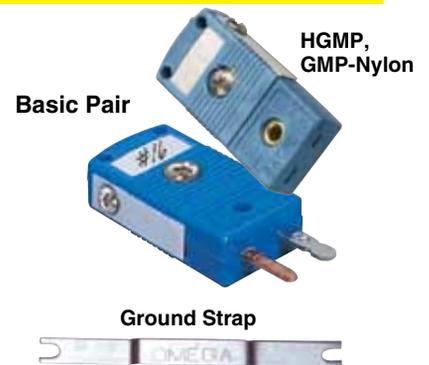
- ✓ Nylon or Higher Temp LCP Material
- ✓ Use Ground Strap Shown with Shielded or Grounded Wire to maintain Ground Wire Connection from Connector to Shielded Wire, Probe or Mating Connector
- ✓ Removable/Reversible Write-On Windows
- ✓ Calibrations: K, T, J, E, R/S, C, U, N
- ✓ Ferrite Core Connectors Available
- ✓ Ferrite Cores Surrounding Solid Pins for Noise Suppression
- ✓ High Temperature LCP Material



Basic Pair

HGST, GST-Nylon

Ground Strap



HGMP, GMP-Nylon

Basic Pair

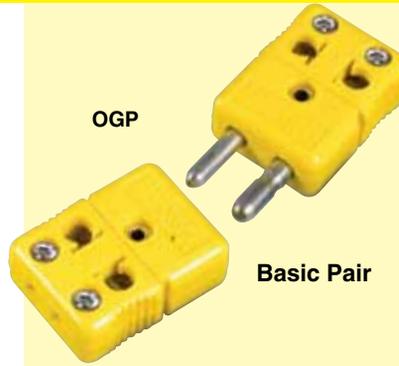
Ground Strap

## STANDARD SIZE

## MINIATURE SIZE

### Solid Pin, Extra Heavy-Duty Connectors

- ✓ Solid Pin Construction for Maximum Durability and Service
- ✓ Available with Solid Cover or Quick-Wiring Caps (Standard Size)
- ✓ Rugged, Glass-Filled Nylon Shell
- ✓ Integral Notch for Security Clip and Hole to Facilitate Mounting
- ✓ Color Coded Body Matches Thermocouple Calibration
- ✓ Calibrations: K, T, J, E, R/S, G, C, D, U, N



### 3-Prong Connectors

- ✓ Uncompensated Type "U" for RTD's and 3-Wire Thermistors
- ✓ Standard Shield Connection Pin for Grounded Thermocouples and Shielded Wire
- ✓ Color Coded Body Matches Thermocouple Calibration
- ✓ Calibrations: K, T, J, E, U, N



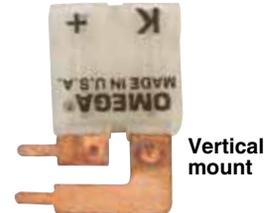
### Ceramic, Very High Temp, Heavy-Duty Connectors

- ✓ High Purity, Heavy Duty Ceramic Body
- ✓ Temperature Rating to 650°C (1200°F)
- ✓ Oversized Terminal Screws for Easy Wiring
- ✓ Available with a Removable Color-Coding Dot
- ✓ Calibrations: K, T, J, E, R/S, G, C, D, U, N



### Circuit Board Connectors

- ✓ Vertical Mount!
- ✓ Glass-Filled Nylon 220°C (425°F)
- ✓ For OEM Uses
- ✓ Attaches Directly to Circuit Board
- ✓ Perfect for Handheld Thermometers
- ✓ J, K, T E, N and U Calibrations
- ✓ Custom Units Designed for CE



### Panel Jacks

#### Type JP

- ✓ Easy Installation
- ✓ Decorative—Enhances Any Instrument

#### Type SPJ and UPJ

- ✓ Self-Securing Design
- ✓ Universal "Fits All" Design

#### Type TPJ

- ✓ Accepts Heavy Duty OTP-Type 3-Prong Connectors
- ✓ No Add'l Mounting Hardware or Installation Tools Required

#### Type RSJ

- ✓ Accepts All Standard Size Male Connectors

#### Type RMJ

- ✓ Accepts All Miniature Male Connectors

#### Type MPJ

- ✓ Compact Size
- ✓ Accepts All Miniature Male Connectors

VERY POPULAR!



The Write-On Window connector is a trademark of OMEGA.