

# Glazed Ceramic Ultra High Temperature Standard Connectors

## Ceramic Rated to 650°C (1200°F)

# CERAMIC



For High Temperature Thermocouple Probes, See Page A-71.

- ✓ Solid Pin Construction
- ✓ Combination Phillips/Slot Screws

Available with a color-coded glaze (NOX) or unglazed white (UOX), these ceramic connectors conform to ANSI and OMEGA standards. UOX connectors should be used when glazed ceramic or nylon connectors would contaminate vacuum systems. Temperature is limited only by the hardware. CHROME<sup>®</sup>GA-ALOME<sup>®</sup>GA, Iron-Constantan and CHROME<sup>®</sup>GA-Constantan can be used at temperatures up to 650°C (1200°F) and Copper-Constantan can be used accurately over its entire calibration range of 400°C (752°F). Noble metal and refractory metal calibrations are limited by the compensating alloys to ambient use of 260°C (500°F). Accuracies may exceed limits of error if a temperature gradient exists across the connector.

### Accessories for NOX and UOX

- Cable Clamps, Order: **PCLM**, \$1 each
  - Safety Clips, Order: **SFCL**, \$.50 pkg of 10
  - Panel Adaptors, Order: **XACL**, \$3 each
  - Tube Clamps – Single Element Order: **X-BRLK**, \$3 each
  - Tube Clamps – Dual Element Order: **DX-BRLK**, \$7 each;
- See Page G-32



Exclusive Split Shell Design Simplifies Wiring!

NOX/UOX Starts at **\$17** Basic Pair

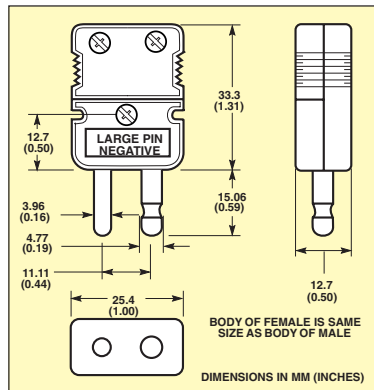


ANSI color code shown To order IEC color code see page A-9

5.5 mm (0.22") Wire Access Hole



**SOLID PIN CONSTRUCTION**



Discount Schedule	
1–10 units.....	Net
11–24 units.....	10%
25–49 units.....	15%
50–99 units.....	20%
100 and up.....	Consult Sales

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

**ALL MODELS AVAILABLE FOR FAST DELIVERY!**

**MOST POPULAR MODELS HIGHLIGHTED!**

To Order (Specify Model Number)								
Alloy Code <sup>†</sup>	Type of Thermocouple Used With Connector	Compensating Alloy Used in Connector		Color Code	Model Number Pair*	Price		
		+	-			Pair (MF)	Female (F)	Male (M)
<b>K</b>	CHROME <sup>®</sup> GA-ALOME <sup>®</sup> GA	CHROME <sup>®</sup> GA	ALOME <sup>®</sup> GA	Yellow	NOX-K-*	\$17.00	\$8.00	\$9.00
<b>T</b>	Copper-Constantan	Copper	Constantan	Blue	NOX-T-*	17.00	8.00	9.00
<b>J</b>	Iron-Constantan	Iron	Constantan	Black	NOX-J-*	17.00	8.00	9.00
<b>E</b>	CHROME <sup>®</sup> GA-Constantan	CHROME <sup>®</sup> GA	Constantan	Purple	NOX-E-*	17.00	8.00	9.00
<b>R/S</b>	Pt-Pt/13%Rh	Copper	RNX/SNX	Green	NOX-R/S-*	17.00	8.00	9.00
<b>G</b>	W-W/26%Re	GPX	GNX	Red/Grn	NOX-G-*	17.00	8.00	9.00
<b>C</b>	W/5%Re-W/26%Re	CPX	CNX	Red	NOX-C-*	17.00	8.00	9.00
<b>D</b>	W/3%Re-W/25%Re	DPX	DNX	Red/Wht	NOX-D-*	17.00	8.00	9.00
<b>U</b>	Uncompensated	Copper	Copper	White	NOX-U-*	17.00	8.00	9.00
<b>N</b>	OMEGALLOY <sup>®</sup>	OMEGA-P <sup>®</sup>	OMEGA-N <sup>®</sup>	Orange	NOX-N-*	25.50	12.00	13.50

<sup>†</sup> K, T, J, E, R, S and B are ANSI designations.

\* To order, specify "MF" for connector pair, "M" for male connector only, or "F" for female connector only.

To order unglazed white shells, replace "NOX" with "UOX" in the model designation. Price is the same.

Note: OMEGALLOY<sup>®</sup>, Type N is generically known as Nicrosil-Nisil.

Note: Type U (Uncompensated) connectors are used with type B thermocouples (Platinum/6% Rhodium-Platinum/30% Rhodium).

Ordering Examples: NOX-K-MF, CHROME<sup>®</sup>GA-ALOME<sup>®</sup>GA, ceramic connector pair. \$17.

NOX-K-M, CHROME<sup>®</sup>GA-ALOME<sup>®</sup>GA, ceramic male connector. \$9. **G-19**



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[www.omega.com](http://www.omega.com)  
1-800-TC-OMEGA  
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#### CANADA

[www.omega.ca](http://www.omega.ca)  
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1-800-TC-OMEGA

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0800-8266342

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