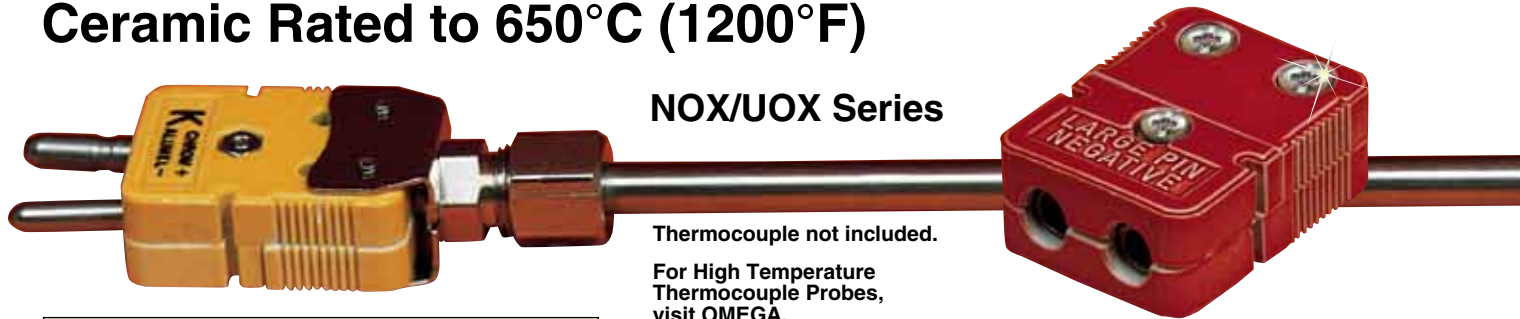


Glazed Ceramic Ultra High Temperature Standard Connectors

Ceramic Rated to 650°C (1200°F)



NOX/UOX Series

Thermocouple not included.

For High Temperature Thermocouple Probes, visit OMEGA.

END OF LIFE NOTICE:

The NOX and UOX series connectors will go out of production in June 2017. The replacements are the NHX/NHXH and UHX Series Connectors. Direct any Questions to Temperature Application Engineering.

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[®]ALOMEGA[®], Iron-Constantan and CHROME[®]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**.

Panel Adaptors, Order: **XACL**.

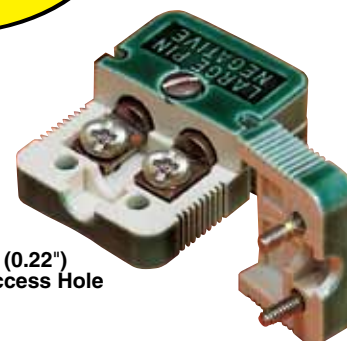
Tube Clamps – Single Element, Order: **X-BRLK**.

Tube Clamps – Dual Element, Order: **DX-BRLK**.

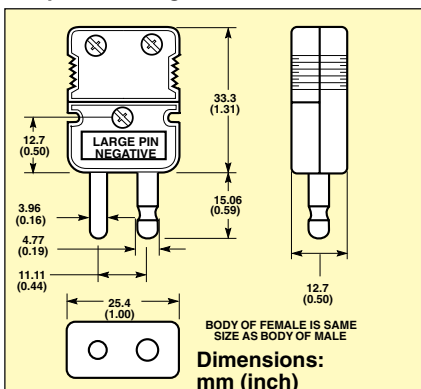


Exclusive Split Shell Design Simplifies Wiring!

Solid Pin Construction



5.5 mm (0.22") Wire Access Hole



Discount Schedule

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

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

To Order

| Alloy Code† | Type of Thermocouple Used With Connector | Compensating Alloy Used in Connector | | Color Code | Model Number Pair* |
|-------------|------------------------------------------|--------------------------------------|----------------------|------------|--------------------|
| | | + | - | | |
| K | CHROME [®] ALOMEGA [®] | CHROME [®] | ALOMEGA [®] | Yellow | NOX-K-* |
| T | Copper-Constantan | Copper | Constantan | Blue | NOX-T-* |
| J | Iron-Constantan | Iron | Constantan | Black | NOX-J-* |
| E | CHROME [®] Constantan | CHROME [®] | Constantan | Purple | NOX-E-* |
| R/S | Pt-Pt/13%Rh | Copper | RNX/SNX | Green | NOX-R/S-* |
| G | W-W/26%Re | GPX | GNX | Red/Grn | NOX-G-* |
| C | W/5%Re-W/26%Re | CPX | CNX | Red | NOX-C-* |
| D | W/3%Re-W/25%Re | DPX | DNX | Red/Wht | NOX-D-* |
| U | Uncompensated | Copper | Copper | White | NOX-U-* |
| N | OMEGALLOY [®] | OMEGA-P [®] | OMEGA-N [®] | Orange | NOX-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.

To order unglazed white shells, replace "NOX" with "UOX" in the model designation, no additional cost.

Note: OMEGALLOY[®], 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 Example: NOX-K-M, CHROME[®]ALOMEGA[®], ceramic male connector.