

Ultra High Temperature Standard Thermocouple Connectors Type NOX and UOX Ceramic Rated to 650°C (1200°F)

CERAMIC



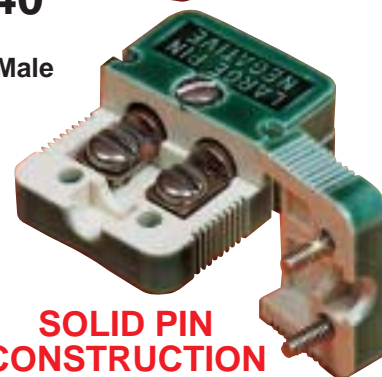
For High Temperature Thermocouple Probes See Section

✓ Solid Pin Construction

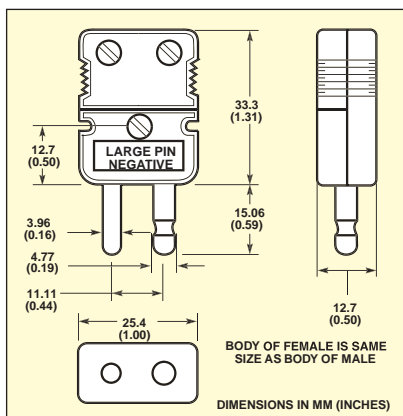
Available with a colour-coded glaze (NOX) or unglazed white (UOX), these ceramic connectors conform to IEC and OMEGA standards. UOX connectors should be used when glazed ceramic or nylon connectors would contaminate vacuum systems. Temperature is limited only by the hardware. CHROME[®]-ALOMEGA[®], Iron-Constantan 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.



£740
Type K Male



SOLID PIN CONSTRUCTION



Accessories for NOX and UOX

Cable Clamps, Order: **PCLM**, £0.80 each
Safety Clips, Order: **SFCL**, £0.40 pkg of 10
Panel Adaptors, Order: **XACL**, £2.50 each
Tube Clamps – Single Element
Order: **X-BRLK**, £2.50 each
Tube Clamps – Dual Element
Order: **DX-BRLK**, £5.70 each.
See Page F-32

Ordering Example

Model IEC-NOX-K-M £7.40

IEC-NOX-K-M

Ceramic Connector Calibration Male

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

Exclusive Split Shell Design Simplifies Wiring!

Discount Schedule

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

To Order (Specify Model Number)

Alloy Code†	Type of Thermocouple Used With Connector	Compensating Alloy Used in Connector		Colour Code	Model Number Pair*	Price		
		+	-			Pair (MF)	Female (F)	Male (M)
K	CHROME [™] -ALOMEGA [™]	CHROME [™]	ALOMEGA [™]	Green	IEC-NOX-K-(*)	£14.00	£6.60	£7.40
T	Copper-Constantan	Copper	Constantan	Brown	IEC-NOX-T-(*)	14.00	6.60	7.40
J	Iron-Constantan	Iron	Constantan	Black	IEC-NOX-J-(*)	14.00	6.60	7.40
E	CHROME [™] -Constantan	CHROME [™]	Constantan	Violet	IEC-NOX-E-(*)	14.00	6.60	7.40
R/S	Pt-Pt/13%Rh	Copper	Alloy #11	Orange	IEC-NOX-R/S-(*)	14.00	6.60	7.40
G	W-W/26%Re	Alloy #200	Alloy #226	Red	IEC-NOX-G-(*)	14.00	6.60	7.40
C	W/5%Re-W/26%Re	Alloy #405	Alloy #426	Red	IEC-NOX-C-(*)	14.00	6.60	7.40
D	W/3%Re-W/25%Re	Alloy #203	Alloy #225	Red	IEC-NOX-D-(*)	14.00	6.60	7.40
U	Uncompensated	Copper	Copper	White	IEC-NOX-U-(*)	14.00	6.60	7.40
N	OMEGALLOY [™]	OMEGA-P [™]	OMEGA-N [™]	Pink	IEC-NOX-N-(*)	14.00	6.60	7.40

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

* To Order: Specify "MF" for a connector pair, "M" for male connector only, or "F" for female connector only.

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).

