High-Temperature Inconel® Overbraided Silica Fiber Insulated Thermocouples



A-35

Style 1

Style 1 is a grounded junction thermocouple with the Inconel overbraid welded to form a smooth rounded tip for all general purpose applications.

Style 2

Style 2 is a general purpose, bead welded, exposed junction thermocouple.

Style 3

Style 3 is an exposed, bead welded junction thermocouple with an Inconel collar to clamp the probe to a surface, or to secure it into a hole or any fabrication.

Style 4

Style 4 is grounded. It can be bolted to a surface, or the Inconel eye can hook the thermocouple to a conveyor flight. Ungrounded units and special hole sites are available. Contact Sales department for more information.

Style 5

Style 5 has an Inconel air hood to protect the exposed beaded wire junction. This design can be clamped to a surface, hooked to a conveyor flight, or bolted to a surface by using the through hole at the open end of the hood.

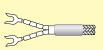


To Order Visit omega.com/xcib for Pricing and Details					
Model No.	Probe Style	Termination Type	Model No.	Probe Style	Termination Type
XCIB-(*)-1-1-(**)	1	1	XCIB-(*)-4-1-(**)	4	1
XCIB-(*)-1-2-(**)		2	XCIB-(*)-4-2-(**)		2
XCIB-(*)-1-3-(**)		3	XCIB-(*)-4-3-(**)		3
XCIB-(*)-1-4-(**)		4	XCIB-(*)-4-4-(**)		4
XCIB-(*)-1-5-(**)		5	XCIB(*)-4-5-(**)		5
XCIB-(*)-1-6-(**)		6	XCIB(*)-4-6-(**)		6
XCIB-(*)-1-7-(**)		7	XCIB(*)-4-7-(**)		7
XCIB-(*)-2-1-(**)	2	1	XCIB-(*)-5-1-(**)	5	1
XCIB-(*)-2-2-(**)		2	XCIB-(*)-5-2-(**)		2
XCIB-(*)-2-3-(**)		3	XCIB-(*)-5-3-(**)		3
XCIB-(*)-2-4-(**)		4	XCIB-(*)-5-4-(**)		4
XCIB-(*)-2-5-(**)		5	XCIB-(*)-5-5-(**)		5
XCIB-(*)-2-6-(**)		6	XCIB-(*)-5-6-(**)		6
XCIB-(*)-2-7-(**)		7	XCIB-(*)-5-7-(**)		7
XCIB-(*)-3-1-(**)		1	*Specify thermocouple Type: J: Iron-Constantan, K: CHROMEGA®-ALOMEGA®, E: CHROMEGA®-Constantan, N: OMEGALLOY®-NICROSIL-NISIL Use prefix of "CAL-" for assemblies to be supplied with calibration data at specified temperatures. Check Sales department for pricing.		
XCIB-(*)-3-2-(**)		2			
XCIB-(*)-3-3-(**)		3			
XCIB-(*)-3-4-(**)	data at specified temperatures. Check Sales department for a ** Specify length in feet: 3' or 10' standard. Price per addition				
XCIB-(*)-3-5-(**)		5	up to over 50' is additional. Note: Available with Nextel insulation. Change "XCIB" in model number to "XSIB". No extra charge.		
XCIB-(*)-3-6-(**)		6			
XCIB-(*)-3-7-(**)		7	. INO EXITA CITAL	yo.	

For a male straight M8 plug add "M8-S-M" to the model number and additional cost to the price, for a male straight M12 plug add "M12-S-M" to the model number and additional cost to the price. For a male right-angled M8 plug add "M8-R-M" to the model number and additional cost to the price, for a male right-angled M12 plug add "M12-S-M" to the model number and additional cost to the price.

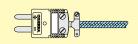
Termination Types

Ordering Example: XCIB-K-1-3-10, XCIB Type K probe, probe style 1 with termination Type 3 m (10') length.





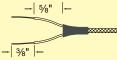
spade lugs.



- 2. Type OSTW male standard thermocouple connector to 220°C (425°F).
- Type NHXH male ceramic connector to 650°C (1200°F)



4. Nextel® insulated leads with compensated spade lugs.



5. Stripped leads.



- SMPW mini-male connector to 220°C (425°F) max.
- 7. SHX mini-male ceramic connector to 650°C (1200°F) max.