

High-Temperature Quick-Disconnect Thermocouples

NHX ceramic (high-purity alumina) connector rated to 650°C tube clamp provides extra strength.

ICSS-IM60G-300-NHX, shown smaller than actual size.

Sheath available in Super OMEGACLAD™ XL thermocouple in grounded, insulated and exposed junctions.

MEETS OR EXCEEDS SPECIAL LIMITS OF ERROR (SLE) AND EN 60584-2: Tolerance Class 1



Standard-Size Ceramic Plug

SUPER OMEGACLAD™ XL HIGHLIGHTED!

To Order (Specify Model Number)						
Calibration IEC Code	Sheath† Material	Sheath Dia. mm	Upper Temp Guidelines °C T/C Junction	Model No. *Specify Junction (G)rounded, (E)xposed, or (U)ngrounded. **Probe Length 300 mm, 450 mm in Stock		
K CHROMEGLA™ ALOMEGA™	304SS	1.5	899	CASS-IM15(*)-(**)-NHX		
	304SS	3.0	899	CASS-IM30(*)-(**)-NHX		
	304SS	4.5	899	CASS-IM45(*)-(**)-NHX		
	304SS	6.0	899	CASS-IM60(*)-(**)-NHX		
	INC600	1.5	921	CAIN-IM15(*)-(**)-NHX		
	INC600	3.0	1071	CAIN-IM30(*)-(**)-NHX		
	INC600	4.5	1149	CAIN-IM45(*)-(**)-NHX		
	INC600	6.0	1149	CAIN-IM60(*)-(**)-NHX		
	XL	1.5	1038	CAXL-IM15(*)-(**)-NHX		
	XL	3.0	1149	CAXL-IM30(*)-(**)-NHX		
J IRON- CONSTANTAN	304SS	1.5	441	ICSS-IM15(*)-(**)-NHX		
	304SS	3.0	521	ICSS-IM30(*)-(**)-NHX		
	304SS	4.5	621	ICSS-IM45(*)-(**)-NHX		
	304SS	6.0	721	ICSS-IM60(*)-(**)-NHX		
N OMEGA-P™ -N™	XL	1.5	1038	NNXL-IM15(*)-(**)-NHX		
	XL	3.0	1149	NNXL-IM30(*)-(**)-NHX		
	XL	4.5	1204	NNXL-IM45(*)-(**)-NHX		
	XL	6.0	1204	NNXL-IM60(*)-(**)-NHX		

SCASS-IM300G-150-SHX, shown smaller than actual size.



Miniature Ceramic Plug

SUPER OMEGACLAD™ XL HIGHLIGHTED!

To Order (Specify Model Number)						
Calibration IEC Code	Sheath† Material	Sheath Dia. mm	Upper Temp Guidelines °C T/C Junction	Model No. *Specify Junction (G)rounded, (E)xposed, or (U)ngrounded. **Probe Length 150 mm, 300 mm, in Stock		
K CHROMEGLA™ ALOMEGA™	304SS	0.25	260	SCASS-IM025(*)-(**)-SHX		
	304SS	0.50	370	SCASS-IM050(*)-(**)-SHX		
	304SS	0.75	370	SCASS-IM075(*)-(**)-SHX		
	304SS	1.00	371	SCASS-IM100(*)-(**)-SHX		
	304SS	1.50	899	SCASS-IM150(*)-(**)-SHX		
	304SS	3.00	899	SCASS-IM300(*)-(**)-SHX		
	XL	0.25	316	SCAXL-IM025(*)-(**)-SHX		
	XL	0.50	427	SCAXL-IM050(*)-(**)-SHX		
	XL	0.75	427	SCAXL-IM075(*)-(**)-SHX		
	XL	1.00	427	SCAXL-IM100(*)-(**)-SHX		
J IRON- CONSTANTAN	304SS	0.25	204	SICSS-IM025(*)-(**)-SHX		
	304SS	0.50	260	SICSS-IM050(*)-(**)-SHX		
	304SS	0.75	316	SICSS-IM075(*)-(**)-SHX		
	304SS	1.00	371	SICSS-IM100(*)-(**)-SHX		
	304SS	1.50	441	SICSS-IM150(*)-(**)-SHX		
	304SS	3.00	521	SICSS-IM300(*)-(**)-SHX		
N OMEGA-P™ -N™	XL	0.50	427	SNNXL-IM050(*)-(**)-SHX		
	XL	0.75	427	SNNXL-IM075(*)-(**)-SHX		
	XL	1.00	427	SNNXL-IM100(*)-(**)-SHX		
	XL	1.50	1038	SNNXL-IM150(*)-(**)-SHX		
	304SS	3.00	1149	SNNXL-IM300(*)-(**)-SHX		

* Other lengths available; consult Sales Department.

† To order with INCONEL® 600, 310SS, 316SS or 321SS sheath change "SS" in model number to "IN", "310SS", "316SS" or "321SS" respectively, no additional charge. Inconel® is a registered trademark of Huntington Alloys Canada Ltd.

Ordering Example: SCASS-IM150U-150-SHX, high-temperature miniature quick-disconnect probe, Type K, 304 SS sheath, 1.5 mm OD, insulated junction, 150 mm long, SCAXL-IM050U-150-SHX, Type K, Super OMEGACLAD™ XL sheath, 0.5 mm Dia., 150 mm long probe with miniature ceramic plug and mating connector, Inconel® is a registered trademark of Huntington Alloys Canada Ltd



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