

# Rugged Transition Joint Probe

## Stainless Steel Braid Over PFA Lead Wire

### With Attached Miniature Plug & Cable Clamp

25      32      150      Dimensions: mm

- Spring Strain Relief prevents "pinching" of the wire.
- Lead Wire Rated to 260°C
- Stainless Steel Overbraid—Resists Abrasions and Cuts, Yet Remains Flexible
- 310, 316, 321, 304 SS, Inconel® or SUPEROMEGACLAD™ XL Sheaths Available
- 1 m Lead Length
- Manufactured with OMEGA CLAD™ Compacted Mineral Insulation Cable for Long-Lasting Performance in Harsh Conditions!
- Miniature plug with OMEGA's Removable/Reversible Write on Window™ feature. Cable Clamp Attachment designed for durability.

Available as  
**SUPER OMEGA CLAD™ XL THERMOCOUPLE WIRE**  
MAXIMUM PERFORMANCE SHEATHING  
ELIMINATES HIGH TEMPERATURE DROFF

See Pages A-11 to A-14

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

**SUPER OMEGA CLAD™ XL**

Matching Super OMEGA CLAD™ XL mineral-insulated thermocouple cable with our rugged transition joint probes makes a combination that's hard to beat! Perfect for quick readings at higher temperatures or monitoring elevated temperatures for extended periods of time. See pages A-11 to A-14.

TJ1-CASS-IM30U-150-SB-SMPW-M, £25.50; shown smaller than actual size.

### 300 mm Probes Available for the Same Price!

#### **SUPER OMEGA CLAD™ 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, 450 mm in Stock	Price		Price Add'l metre Lead Wire	Price Add'l 300 mm MI Cable
					150 mm and 300 mm G*/E*	U*		
<b>K</b> CHROMEGLAD™ ALOMEGA™	304SS	1.5	899	TJ1-CASS-IM15(*)-(**)-SB-SMPW-M	£24.00	£25.50	£4.90	£1.05
	304SS	3.0	899	TJ1-CASS-IM30(*)-(**)-SB-SMPW-M	24.00	25.50		1.25
	304SS	4.5	899	TJ1-CASS-IM45(*)-(**)-SB-SMPW-M	24.75	26.00		2.10
	304SS	6.0	899	TJ1-CASS-IM60(*)-(**)-SB-SMPW-M	29.00	30.00		3.40
	INC600	1.5	921	TJ1-CAIN-IM15(*)-(**)-SB-SMPW-M	£24.00	£25.50	£4.90	£1.05
	INC600	3.0	1071	TJ1-CAIN-IM30(*)-(**)-SB-SMPW-M	24.00	25.50		2.10
	INC600	4.5	1149	TJ1-CAIN-IM45(*)-(**)-SB-SMPW-M	24.75	26.00		2.90
	INC600	6.0	1149	TJ1-CAIN-IM60(*)-(**)-SB-SMPW-M	29.00	30.00		5.00
	XL	1.5	1038	TJ1-CAXL-IM15(*)-(**)-SB-SMPW-M	£26.00	£27.50	£4.90	£1.15
	XL	3.0	1149	TJ1-CAXL-IM30(*)-(**)-SB-SMPW-M	26.00	27.50		2.30
	XL	4.5	1204	TJ1-CAXL-IM45(*)-(**)-SB-SMPW-M	27.00	28.00		3.20
	XL	6.0	1204	TJ1-CAXL-IM60(*)-(**)-SB-SMPW-M	31.00	32.00		5.60
<b>J</b> IRON-CONSTANTAN	304SS	1.5	441	TJ1-ICSS-IM15(*)-(**)-SB-SMPW-M	£24.00	£25.50	£4.90	£1.05
	304SS	3.0	521	TJ1-ICSS-IM30(*)-(**)-SB-SMPW-M	24.00	25.50		1.25
	304SS	4.5	621	TJ1-ICSS-IM45(*)-(**)-SB-SMPW-M	24.75	26.00		2.10
	304SS	6.0	721	TJ1-ICSS-IM60(*)-(**)-SB-SMPW-M	29.00	30.00		3.40
<b>T</b> COPPER-CONSTANTAN	304SS	1.5	260	TJ1-CPSS-IM15(*)-(**)-SB-SMPW-M	£24.00	£25.50	£4.90	£1.05
	304SS	3.0	316	TJ1-CPSS-IM30(*)-(**)-SB-SMPW-M	24.00	25.50		1.25
	304SS	4.5	371	TJ1-CPSS-IM45(*)-(**)-SB-SMPW-M	24.75	26.00		2.10
	304SS	6.0	371	TJ1-CPSS-IM60(*)-(**)-SB-SMPW-M	29.00	30.00		3.40

\* To order with alternative stainless steel sheaths change SS in part number to "310SS", "316SS" or "321SS".

\* Specify junction type: E (Exposed), G (Grounded) or U (Ungrounded). \*\* Specify length in mm, 150 mm & 300 mm price shown.

Ordering Example: TJ1-CAIN-IM30U-300-SB-SMPW-M, rugged transition joint probe, 1 metre SS braid over PFA lead, Type K, Inconel® 600 sheath, 3 mm dia. probe, insulated junction, 300 mm sheath length, miniature plug, with robust cable clamp attachment to the lead wire, £25.50. Inconel® is a registered trademark of Huntington Alloys Canada Ltd

# Rugged Transition Joint Probe

## Stainless Steel BX Armour Cable Over PFA Lead Wire

### With Attached Standard Plug & Cable Clamp

← 32 → ← 300 → Dimensions: mm

- ✓ 310, 316, 321, 304 SS, Inconel® or SUPEROMEGA CLAD™ XL Sheaths Available
- ✓ 1 m Lead Length

**ARMOUR PROTECTION**  
Rigid Stainless Steel BX Armour Cable Offers Pierce and Splash Protection from tools, solder, molten plastics, and welding slag.

**PROBE CONFIGURATION**  
For additional lead wire terminations, sheath materials, and lead insulation, see page A-22.

Standard Size Plug with OMEGA's Removable/ Reversible Write-On Window feature. Cable Clamp Attachment designed for durability!

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

Available as **SUPER OMEGA CLAD™ XL THERMOCOUPLE WIRE**  
MAXIMUM PERFORMANCE SHEATHING ELIMINATES HIGH TEMPERATURE DRIFT

TJ1-CAIN-IM60U-300-BX-OSTW-M, £31.50, shown smaller than actual size.

See Pages A-11 to A-14

**SUPER OMEGA CLAD™ XL HIGHLIGHTED!**

**To Order (Specify Model Number)**

300 mm Probes Available for the Same Price!

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					150 mm, and 300 mm	G*/E*		
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