

# Rugged Transition Joint Probe

**Inconel® 600 Braid** Over Silica Ceramic Insulated Lead Wire With Stripped Ends

Dimensions: mm

25 32 150

Spring Strain Relief prevents "pinching" of the wire

Use of Inconel® Overbraided Silica Ceramic and Ceramic Insulation Allows the Transition Joint to be Used up to 815°C (1500°F)!

Comes standard with stripped ends

**310, 316, 321, 304 SS, - or SUPEROMEGA XL Sheaths Available**

**1 m Lead Length**

**Lead Wire Rated to 815°C**

**PROBE CONFIGURATION**

For additional lead wire terminations, sheath materials, and lead insulation, see page A-28

TJ1-CASS-IM60G-150-CC-XSIB, £35.00, shown smaller than actual size

**SUPER OMEGA XL THERMOCOUPLE WIRE**  
MAXIMUM PERFORMANCE SHEATHING  
ELIMINATES HIGH TEMPERATURE DRIFT

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

See Pages A-11 to A-14

## 300 mm Probes Available for the Same Price!

**SUPER OMEGA XL MODELS HIGHLIGHTED!**

To Order (Specify Model Number)		Upper Temp Guidelines °C		Model No. *Specify Junction (G)rounded, (E)xposed, or (U)ngrounded. **Probe Length 150 mm, 300 mm, 450 mm in Stock	Price 150 mm & 300 mm		Price Add'l metre Lead Wire	Price Add'l 300 mm MI Cable
Calibration IEC Code	Sheath† Material	Sheath Dia. mm	T/C Junction		G*E*	U*		
<b>K</b> CHROMEALOMEGA™	304SS	1.5	899	TJ1-CASS-IM15(*)-(**)-CC-XSIB	£30.00	£31.50	£7.90	£1.05
	304SS	3	899	TJ1-CASS-IM30(*)-(**)-CC-XSIB	30.00	31.50		1.25
	304SS	4.5	899	TJ1-CASS-IM45(*)-(**)-CC-XSIB	31.00	32.00		2.10
	304SS	6	899	TJ1-CASS-IM60(*)-(**)-CC-XSIB	35.00	36.00		3.40
	INC600	1.5	921	TJ1-CAIN-IM15(*)-(**)-CC-XSIB	£30.00	£31.50	£7.90	£1.05
	INC600	3	1071	TJ1-CAIN-IM30(*)-(**)-CC-XSIB	30.00	31.50		2.10
	INC600	4.5	1149	TJ1-CAIN-IM45(*)-(**)-CC-XSIB	31.00	32.00		2.90
	INC600	6	1149	TJ1-CAIN-IM60(*)-(**)-CC-XSIB	35.00	36.00		5.00
	XL	1.5	1038	TJ1-CAXL-IM15(*)-(**)-CC-XSIB	£32.00	£33.50	£7.90	£1.15
	XL	3	1149	TJ1-CAXL-IM30(*)-(**)-CC-XSIB	32.00	33.50		2.30
	XL	4.5	1204	TJ1-CAXL-IM45(*)-(**)-CC-XSIB	33.50	34.00		3.20
	XL	6	1204	TJ1-CAXL-IM60(*)-(**)-CC-XSIB	37.00	38.00		5.60
<b>J</b> IRON-CONSTANTAN	304SS	1.5	441	TJ1-ICSS-IM15(*)-(**)-CC-XSIB	£30.00	£31.50	£7.90	£1.05
	304SS	3	521	TJ1-ICSS-IM30(*)-(**)-CC-XSIB	30.00	31.50		1.25
	304SS	4.5	621	TJ1-ICSS-IM45(*)-(**)-CC-XSIB	31.00	32.00		2.10
	304SS	6	721	TJ1-ICSS-IM60(*)-(**)-CC-XSIB	35.00	36.00		3.40
<b>N</b> NICROSIL-NISIL	XL	1.5	1038	TJ1-NNXL-IM15(*)-(**)-CC-XSIB	£32.00	£33.50	£7.90	£1.15
	XL	3	1149	TJ1-NNXL-IM30(*)-(**)-CC-XSIB	32.00	33.50		2.30
	XL	4.5	1204	TJ1-NNXL-IM45(*)-(**)-CC-XSIB	33.50	34.00		3.20
	XL	6	1204	TJ1-NNXL-IM60(*)-(**)-CC-XSIB	37.00	38.00		5.60

† 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-CC-XSIB, rugged transition joint probe, 1 metre Inconel® 600 over Silica Ceramic lead with stripped ends, Type K, Inconel® 600 sheath, 3 mm dia. probe, insulated thermocouple junction, 300 mm sheath length, £31.50.

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