

L Shaped Hot Bath Thermocouple With Head

LTH



These L Shaped Thermocouple Sensors Are Custom Manufactured For Hot Metal Liquid Temperature Measurement. Sensor Can Be Supplied As Simplex Or Duplex To Suit Your Application Requirement. L Shaped Thermocouple Consist Two Part, One Part inserted into Liquid Material Called Hot Arm, Another Part Stay at Ambient Temperature, Called Cold Arm. Sheath Materials are selected depending upon operating temperature & application of uses. The Sensor Can Be Custom Manufactured to Suit Your Exact Application Requirements.

Sl. No.	Parameter	Variants
1	Sensor Type	• J / K / N / T / E
2	Hot Arm Length, Outer & Inner Diameter	• User Defined * Length Maximum 1200mm
3	Cold Arm Length, Outer & Inner Diameter	• User Defined
4	Sensor Applied on Which Liquid Metal	• Aluminum / Lead / Zinc Bath
5	Junction	• Grounded / Ungrounded
6	Head & Block Type	• IP-65 Protected Running Head / IP-67 Protected Head / Flame Prof Head / Small Head / Running Block / Spring Loaded Block
7	Instrument Connection	• 1/8" / 1/4" / 1/2" / 3/4" / 3/8" / 1" • Adjustable / Fixed • Male / Female Thread Connector

Ordering Information For Model Selection:-

LTH	1	2	3	4	5	6	7
Conductor Type	Hot Arm Length/OD/ID	Cold Arm Length /OD/ID	Applied Hot Metal	Sensing Junction	Instrument Connection	Head & Block Type	
"J" For "J" Type T/C "K" For "K" Type T/C "T" For "T" Type T/C "E" For "E" Type T/C "N" For "N" Type T/C	User Defined (Length Maximum 1200 mm)	User Defined	"Al" For Aluminium "Zn" For Zinc "Pb" For Lead	"G" For Simplex Grounded "I" For Simplex Un-Grounded "2G" For Duplex Grounded "2I" For Duplex Un-Grounded	"E" For 1/8" "F" For 1/4" "T" For 1/2" "O" For 1" "TE" For 3/8" "TF" For 3/4"	"M" For Male Thread "F" For Female Thread "Adj" For Adjustable "F" For Fixed	"R" Running Head "S" Small Head "PH" Projected Head "DH" Duplex Head "FP" Flame Proof Head "TB" Simplex Block "TBS" Duplex Block "TBD" Soldering Lug Type "TBR" Simplex Spring loaded "TBLAS2" Duplex Spring loaded "TBLAS4" Simplex Vertical Spring loaded "TBVAS2" Simplex Vertical Spring loaded

Example:-

LTH	1	2	3	4	5	6	7
Conductor Type	Hot Arm Length/OD/ID	Cold Arm Length /OD/ID	Applied Hot Metal	Sensing Junction	Instrument Connection	Head & Block Type	
"K" For "K" Type T/C	1200/32/12 mm	1000/19/14 mm	"Al" For Aluminium	"G" For Simplex Grounded	"#" None	"R" Running Head "TB" Simplex Block	"TBS" Duplex Block



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(An ISO 9001:2015 & 14001:2004 Certified & NSIC Approved Company)

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