



Description

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. The sensor can be custom manufactured to suit your exact application requirements and supplied calibrated, if required.

Specification

| | |
|------------------|--|
| Diameter | : 15mm and Above |
| Sheath Material | : Depending On Liquid Metal |
| Termination | : Dia Cast Aluminium With IP-65 Protection |
| Sensing Junction | : Grounded / Ungrounded, Simplex / Duplex |

Ordering Information for Model Selection

| LTH | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|------------------|-----------------------------------|-----------------------------------|---------------------------------|-----------------------|-----------|-----------------------------|-----------------------------|----------------------|
| Conductor Type | Hot Arm Length | Cold Arm Length | Sheath Outer Diameter | Sheath Inner Diameter | | Hot Metal | Sensing Junction | Compression Fittings |
| 'J' "J" Type T/C | User Defined (Maximum 1000 mm) | User Defined (Maximum 1200 mm) | User Defined (Maximum 32 mm) | '10' | for 10 mm | 'Al' for Aluminium | 'G' for Simplex Grounded | 'T' for 1/2" |
| 'K' "K" Type T/C | | | | '12' | for 12 mm | 'Zn' for Zinc | 'U' for Simplex Un-Grounded | 'H' for 3/4" |
| 'T' "T" Type T/C | | | | '15' | for 15 mm | 'Pb' for Lead | '2G' for Duplex Grounded | '0' for 1" |
| 'E' "E" Type T/C | | | | | | '2U' for Duplex Un-Grounded | 'N/A' for none | |
| 'N' "N" Type T/C | | | | | | | | |

LTH (example)

| K | 600 | 800 | 25 | 12 | Zn | 2U | N/A | |
|------------------|----------------|-----------------|-----------------------|-----------------------|-----------|---------------|-----------------------------|----------------------|
| Conductor Type | Hot Arm Length | Cold Arm Length | Sheath Outer Diameter | Sheath Inner Diameter | | Hot Metal | Sensing Junction | Compression Fittings |
| 'K' "K" Type T/C | 600 mm | 800 mm | 25 mm | '12' | for 12 mm | 'Zn' for Zinc | '2U' for Duplex Un-Grounded | 'N/A' for none |