

## T25 – Sheathed thermocouple, compacted MgO insulation with transition fitting to flexible leadwire.



Sample shown: T25-MU-3K-CI-LE8-R4F

T25- 1 2 - 3 4 - 5 6 - 7 8 - 9 10

**For dual element change prefix T to D**

- 1 – Connector:**
- S – Molded on standard plug
  - S3 – Molded on 3 prong standard plug
  - P – Put on Standard connector
  - J – Standard jack
  - M – Molded on mini plug
  - MJ - Mini jack
  - MP – Put on mini connector
  - O – Open wire end, no connector option
  - T - Terminals (Specify Type)
- 2 – Junction Type:**
- G – Grounded
  - U – Ungrounded
  - U2 – Separate ungrounded for dual elements
  - E – Exposed
  - S – Semi-shielded
- 3 – Probe length: In inches**  
As measured from the tip to the first fixed attachment.



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**4 – Calibration:** E K J T

**5 – Sheath diameter:**

AAA - .032"	C - .125"
AA - .040"	D - .188"
A - .062"	E - .250"
B - .090"	

**6 – Sheath material:**

- H - Hastelloy X®
- I - Inconel®
- S - 304 SS
- S10 - 310 SS
- S16 - 316 SS

**7 – Transition:**

- LA - Stainless Steel with high temperature epoxy (600<sup>0</sup>F)
- LC - Stainless Steel with high temperature ceramic potting
- LE - Stainless Steel with epoxy potting (500<sup>0</sup>F)
- P - Molded on plastic rated 525<sup>0</sup>F
- GP - Grounded – sheath, transition and overbraid \*

\* Specify A, C, or E for potting material on GP style transition.

**8 – Wire length:** Length as measured from transition to connector option

**9 - Options:**

- RT – Reduced tip (.125" to .062")
- HPT - Hypodermic point – (Tip sharpened to needle point)
- Mounting fitting specify size
- R – Stainless Steel wire overbraid on lead wires
- A – Stainless Steel interlocking armor over leads (change Type to T24)

**10 – Wire insulation:**

- 24 awg .062" diameter and smaller
- 20 awg .125" diameter and larger
- 2F – Fiberglass (305)
- 2T – Teflon FEP (507)
- 2K – Kapton (513)
- 2P – PVC (502)

For stranded wire specify 4F, 4T, 4K etc.