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T35 Moulded Sleeve

Sheathed

Thermocouple

Low-cost, high-quality general purpose thermocouple.

Using MI cable produced in-house, this thermocouple offers a compliance to [AMS 2750 Aerospace Material Specification] not only limits of error but also coil length and the calibration difference at both ends using calibration equipment traceable to national standard such as NIST. (CQI-9 is a quote from AMS 2750) Moreover, this thermocouple has a superior Process Capability Index based on fully-automated production system.

*Process Capability Index CPK: 1.33 or above

Meets [AMS 2750 Aerospace Material Specication]

Various sheath O.D and material available upon requests

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Specifications

Outline Drawing

Process capability index (CPK/CPL)

		I.33≤CPK(CPL)
Sheath Outer Diameter	Insulation Thickness	Hot Junction Location
φl.6	2.48	12.9
φ3.2	1.35	7.0

Sheath Outer Diameter	Sheath Material	
(φI.5)	NCF600	SUS316
φ Ι.6	NCF600	SUS316
(φ2.0)	NCF600	SUS316
φ3.2	NCF600	SUS316

* Production of φ 1.5 and φ 2.0 diameters is possible, but because these sizes are optional, delivery may take longer.

Model No.

T35U- I 2 3 4 5 6 7 / 8

I	L (mm)	*
2	Sheath outer diameter	В: ф1.6 D: ф3.2
3	Number of element	2: Single
4	Element type	К
5	Measuring junction	9:∪(#9)
6	Sheath material	C: 316SS B: NCF600eq.
7	Class	01:1 (JIS)
8	S (mm)	*

* Maximum production length 1000mm for both length L and S.



This diagram shows a thermocouple with a sheath outer diameter of ϕ I.6. The sleeve shape and sizes will differ for ϕ 3.2 thermocouples.

