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**OKAZAKI**  
MANUFACTURING COMPANY  
UK LIMITED



**T35 Moulded Sleeve**

**Sheathed**

**Thermocouple**

Meets [AMS 2750  
Aerospace Material  
Specification]

Various sheath O.D  
and material available  
upon requests

### **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

## Specifications

### Process capability index (CPK/CPL)

1.33 ≤ CPK(CPL)

Sheath Outer Diameter	Insulation Thickness	Hot Junction Location
φ1.6	2.48	12.9
φ3.2	1.35	7.0

Sheath Outer Diameter	Sheath Material	
(φ1.5)	NCF600	SUS316
φ1.6	NCF600	SUS316
(φ2.0)	NCF600	SUS316
φ3.2	NCF600	SUS316

\* Production of φ1.5 and φ2.0 diameters is possible, but because these sizes are optional, delivery may take longer.

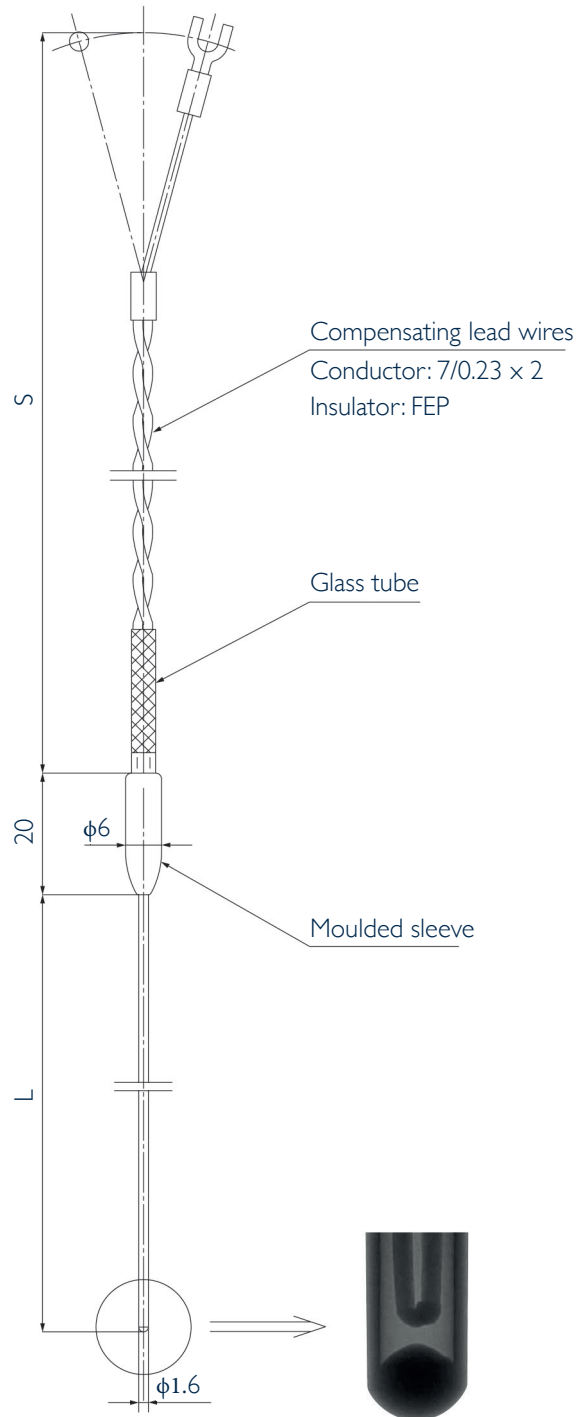
## Model No.

T35U-        /   
 1 2 3 4 5 6 7 / 8

1	L (mm)	*
2	Sheath outer diameter	B: φ1.6 D: φ3.2
3	Number of element	2: Single
4	Element type	K
5	Measuring junction	9: U (#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.

## Outline Drawing



This diagram shows a thermocouple with a sheath outer diameter of φ1.6. The sleeve shape and sizes will differ for φ3.2 thermocouples.