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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)

$$1.33 \leq \text{CPK(CPL)}$$

| 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 |
| 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.

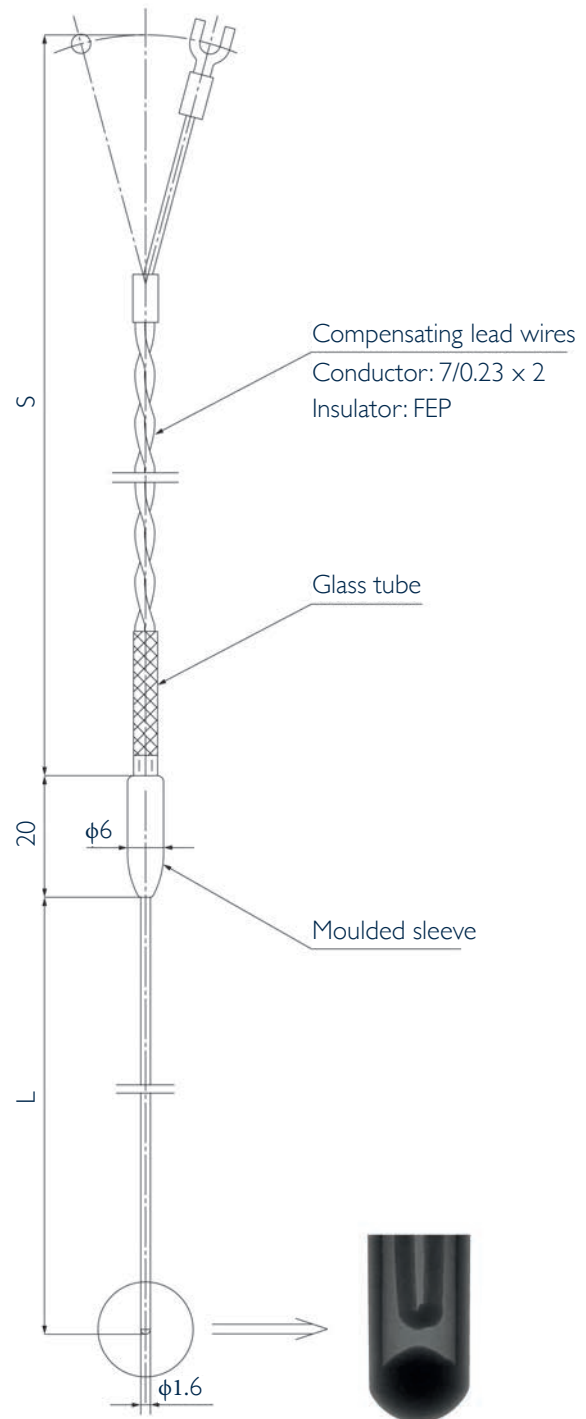
Model No.

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.

