

**Application area**

■ Cable tube RTD thermometers are suitable for measuring temperature up to approx. 400 °C. This types are easily replaceable and can be inserted or screwed into holes in machine parts without thermowells.

It is very useful where the distance between measuring parts and the location of its head is too far.

Normally cable thermocouples have no process connection as the probes are inserted in a hole directly.

But all type of process connection which are available by DAHO.

■ Application industry

- Engine cylinder heads
- Pipelines and tanks
- injection moulding machines

**General specification****Element / Sensor**

Pt100 Ω

**Accuracy**

"B" class ( $\pm 0.3$  °C)

**Type**

TER101 Protecting tube lead wire type

TER102 Sheath lead wire type

**Element wire type**

Single / Double

**Tube / Sheath diameters**

3.2, 4.8, 6.4, 8.0 mm

- Double element is not available for 3.2, 4.8, 6.4 mm tube diameter in protecting tube lead type.

**Material**

Tube (TER101): SUS304 / SUS316

Sheath (TER102): SUS316

**Insert length**

TER101: 100mm to 2000mm

TER102: 100mm to 4000mm

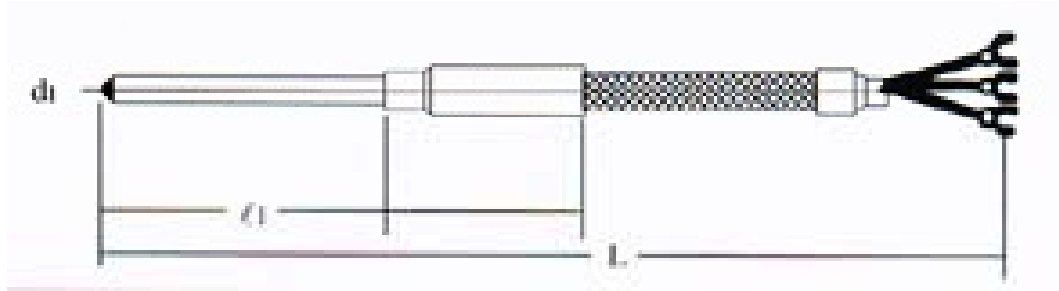
**Lead wire**

Standard: 2M

**Optional extras**

- Connection thread: PF1/2, PT1/2, or others on request
- Accuracy "A" class ( $\pm 0.15$  °C)
- Additional lead wire

**Drawing**



**Order Details**

Cable RTD	TER1		
Element wire type	Protecting tube lead wire type	01	
	Sheath lead wire type	02	
Element type	Pt100	R	
Element wire type	Single element	S	
	Double element	D	
Sheath tube material	SUS 304		1
	SUS 316		2
Process connection	without screwing		C0
	PT1/4"		R4
	PT1/2"		R2
	PF 1/4"		G4
	PF 1/2"		G2
	Specific connection		00
Sheath out dia.	3.2		D4
	4.8		D5
	6.4		D6
	8.0		D7
Stem length	standard immersion length to be specified, e.g. l1 200mm: order code 200		0000

\*\* Please give additional specification for models not listed.