

Application area

■ Metal head mounted thermocouples are constructed with the insulator which insulates the element wire, and with metal housing which protects the insulator. In order to assemble with device, on the process pipe or on the chamber. it usually mounts to a connector, a flange or a compression fitting on the protection probe. Due to customer requirement, all kinds of connectors or flanges can be offered by DAHO.

Application industry

- Machinery, plant and tank construction
- Process industry
- Heavy industry includes shipbuilding industry
- Heating, ventilation, air & conditioning industry
- Energy and power station engineering

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

K, E, J, T type

Accuracy

0.75% for reading temperature

Type

TEC201 Protecting tube type

TEC202 Sheath type

Element wire type

Single / Double

Tube / Sheath diameters

TEC201 6.4, 8.0, 10.0, 12.0, 15.0, 17.3, 21.7 mm

TEC202 2.3, 3.2, 4.8, 6.4, 8.0, 9.5 mm

Material

Tube (TEC201): SUS304 / SUS316

Sheath (TEC202): SUS316 / Inconel

Head material

Aluminum Diecast

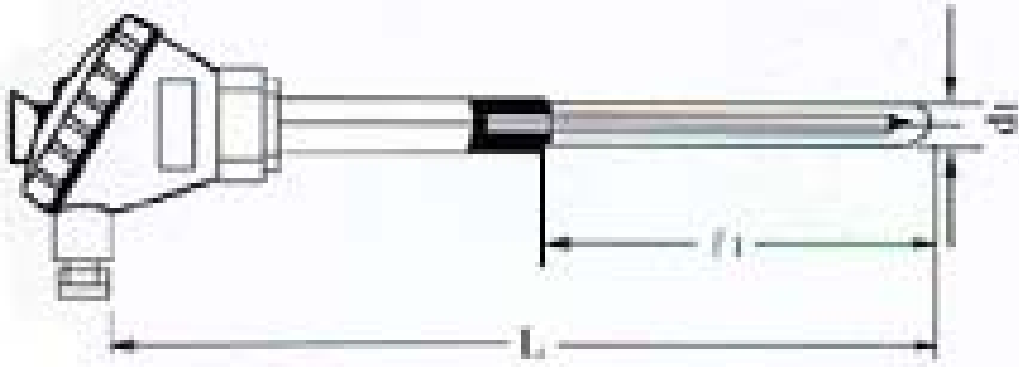
Insert length

100mm to 4000mm

Optional extras

- Connection thread: PF1/2, PT1/2, or others on request
- Accuracy 0.4% for reading temperature
- Head: Stainless steel

Drawing



Order Details

Metal Housing Thermocouple		TEC2	
Element wire type	Protecting tube type	01	
	Sheath type	02	
Element type	K - type	K	
	E - type	E	
	J - type	J	
	T - type	T	
Element wire type	Single element	S	
	Double element	D	
Sheath or tube material	SUS 304	1	
	SUS 316	2	
	INCONEL	3	
Process connection	without screwing	C0	
	PT1/4"	R4	
	PT1/2"	R2	
	PF 1/4"	G4	
	PF 1/2"	G2	
	Specific connection	00	
out dia.	2.3	D3	
	3.2	D4	
	4.8	D5	
	6.4	D6	
	8.0	D7	
	9.5	D8	
	10.0	D9	
	12.0	D10	
	15.0	D11	
	17.3	D12	
21.7	D13		
Stem length	standard immersion length to be specified, e.g. l1 200mm: order code 200		0000

** Please give additional specification for models not listed.