



Main features

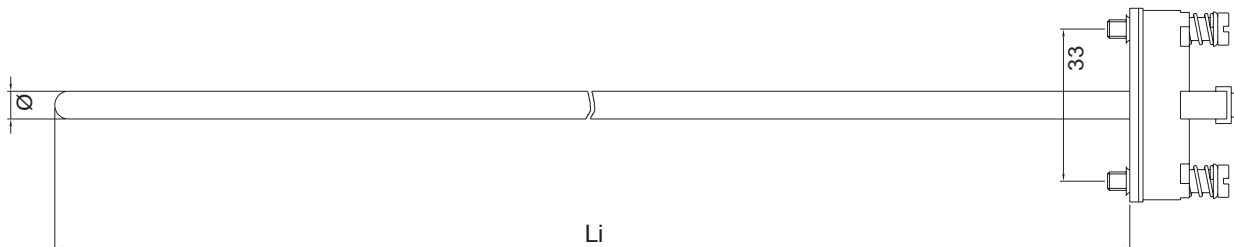
- Temperature limits:
 - 40 ... + 350° C for type T
 - 40 ... + 550° C for type J
 - 40 ... + 600° C for type E
 - 40 ... + 1050° C for type K
 (see table for sheath diameters)
- Tolerance: UNI 7938 , IEC 584-2 Class 1:
 - for type: $\pm 0,5^{\circ} \text{C}$ (- 40 ... + 125° C)
 - $\pm 0.004 [t]$ ($t > + 375^{\circ} \text{C}$)
 - for type J, E, K: $\pm 1.5^{\circ} \text{C}$ (- 40 ... + 375° C)
 - $\pm 0.004 [t]$ ($t > + 375^{\circ} \text{C}$)
- Application versatility

MODELS

TCI A: Free wire insert



TCI B: Sprung Insert



ORDER CODE

The order code is structured as follows: T C I [] [] 0 [] [] 0 0 0 | 0 0 0 X 0 0 0 X [] [] [] [] X []

CODE

Model

Free wire insert	A
Sprung insert	B

Element + Hot Junction

Single Insulated	1
Single Grounded	2
Double Insulated	3
Double Grounded	4

Thermocouple Type

Fe - Cu/Ni	J
Ni/Cr - Ni/Al	K
Cu - Cu/Ni	T *
Ni/Cr - Cu/Ni	E

(*) Not available with double element

Sheath Material

AISI 316	C *
INCONEL 600	F **

(*) Available only for J, T and E thermocouples
(**) Available only for K thermocouples

Sheath Diameter (mm)

1	B *
1.5	C *
2	D *
3	E
4.5	G
6	I

(*) Not available with double element

Certificates

A	Conformity Report
---	-------------------

LENGTHS AND ACCESSORIES

Li = Immersion Length (mm)

Standard length from 50 to 1000mm with 50mm step

GEFRAN spa reserves the right to make any kind of design or functional modification at any moment without prior notice

GEFRAN

GEFRAN spa
 via Sebina, 74
 25050 PROVAGLIO D'ISEO (BS) - ITALIA
 ph. 0309888.1 - fax. 0309839063
 Internet: <http://www.gefran.com>
www.gefranonline.com

DTS_TCI_12-2015_ENG