

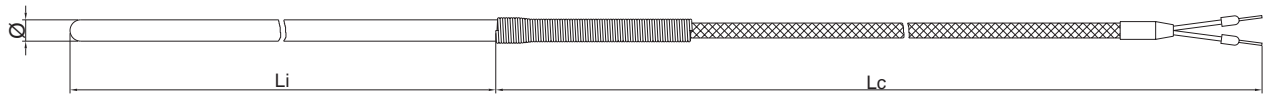


Main characteristics

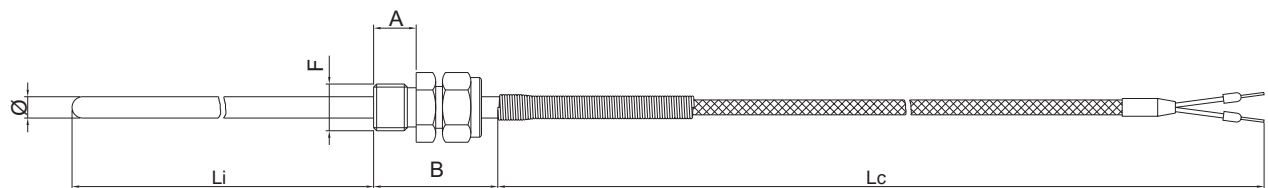
- Max. temperature limit: - 40 ... + 250° C
(see table for thermocouple cable used)
- Reference tolerances: Standards IEC 584.2 class 2:
for type J, K: $\pm 2.5^{\circ}\text{C}$ (- 40 ... + 333° C)
- Cable to DIN standard
- Highly versatile
- Low cost

MODELS

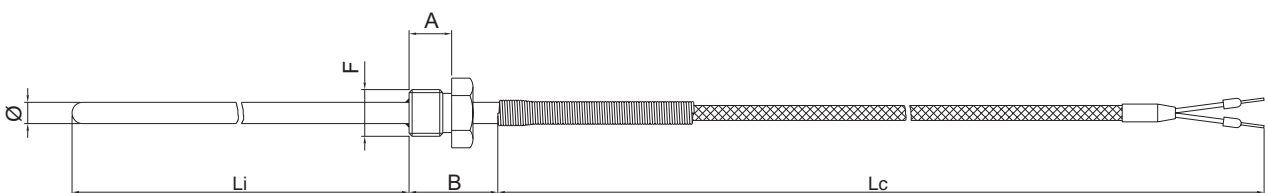
TC1 A: without mount



TC1 B: with sliding mount



TC1 C: with welded mount



ORDER CODE

CODE

Model

Without mount	A
With sliding compression mount	B
With welded mount	C

Element + heat junction

Isolated single	1
Grounded single	2
Isolated double	3
Grounded double	4

Element type

Fe - Cu/Ni	J
Ni/Cr - Ni/Al	K

Cable (to DIN standard)

GSC	2	*
Shielded GSC	3	**
TTS	5	
TES	6	

(*) Not available with 3mm sheathing
(**) Not available with 3, 4, 5mm sheathing

Sheathing material

Stainless steel	A
-----------------	---

Sheathing diameter (mm)

3	E	*
4	F	*
5	H	
6	I	
8	J	

(*) Not available with double element

Mount threading (F)

G 1/8	A
G 1/4	B
G 3/8	C
G 1/2	D
1/8 NPT	G
1/4 NPT	H
3/8 NPT	I
1/2 NPT	J

To be specified only for models B and C

Mount material

Nickel-plated brass	1
AISI 303	2

To be specified for model B
Always specify for model C (2)

0 0 0

Certificates

A	Certificate of conformity
R	Calibration Report
T	SIT Certified

LENGTHS AND ACCESSORIES

Li = Immersion length (mm)

Standard length from 50 to 1000mm with 50mm pitch

Armature

G * Stainless steel sheathing

* Not available with shielded GSC cable
Not available with Mignon connector cable

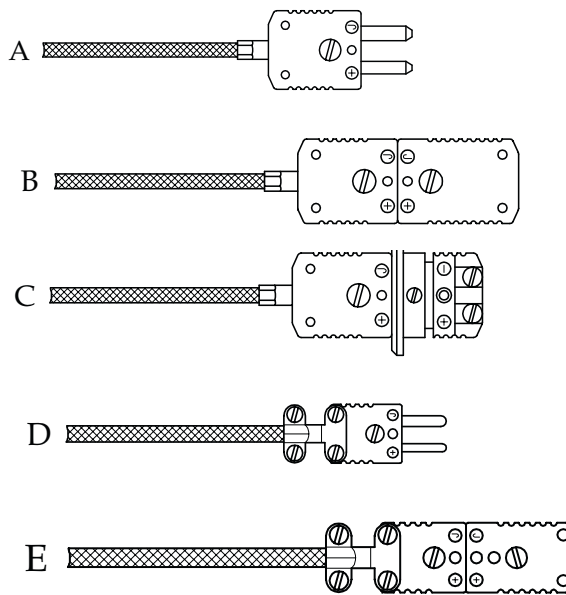
Connector type

A	Standard male
B	Standard male + female
C	Standard male + panel
D	Mignon male
E	Mignon male + female

Lc = Cable length (dm)

Standard length from 5 to 100dm with 5dm pitch

CONNECTOR TYPE



MOUNT (F)	TC1B		TC1C	
	A (mm)	B (mm)	A (mm)	B (mm)
G 1/8	10	35	10	20
G 1/4	12	35	12	25
G 3/8	15	40	15	30
G 1/2	15	40	15	30
1/8 NPT	11	35	11	25
1/4 NPT	16	40	16	30
3/8 NPT	16	40	16	30
1/2 NPT	20	45	20	35

Availability of Mount/Sheathing diameter	ø3	ø4	ø5	ø6	ø8
	G 1/8	x	x	x	x
G 1/4	x	x	x	x	x
G 3/8	x	x	x	x	x
G 1/2	-	-	x	x	x
1/8 NPT	x	x	x	x	-
1/4 NPT	x	x	x	x	x
3/8 NPT	x	x	x	x	x
1/2 NPT	-	-	x	x	x

GEFRAN spa reserves the right to make aesthetic or functional changes at any time and without notice.

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

