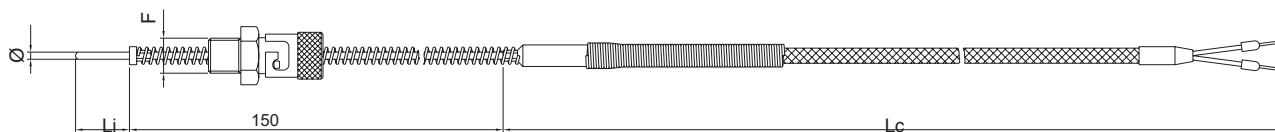




### Main characteristics

- Max. temperature limit:  
type J: - 40 ... + 370° C  
type K: -40...+950°C  
(see table for sheathing diameter used)
- Reference tolerances:  
Standards UNI 7938, IEC 584.2 class 2:  
for type J and K:  $\pm 2.5^{\circ} \text{C}$  (- 40 ... + 333° C)  
 $\pm 0.0075 [t]$  ( $t > + 333^{\circ} \text{C}$ )
- Single element
- Thermoelement with MgO isolation
- Mount threading adjustment spring:  $\varnothing 5\text{mm}$ , length 150mm
- Cable to DIN standard
- Highly versatile

### MODELS



# ORDER CODE

T C 5 M

**CODE**

Element + heat junction	
Isolated single	1
Grounded single	2

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

Cable (to DIN standard)	
GSC	2
GSC / SCH	3(*)
TTS	5
TES	6

(\*) Not available with dual element

Sheathing material	
AISI 316	C*
INCONEL 600	F**

(\*) Available only with element J  
(\*\*) Available only with element K

Sheathing Diameter (mm)	
1, 5	C
2	D
3	E

Mount threading (F)	
G1/8	A
G1/4	B
M10 x 1	N
M12 x 1.5	P
M12 x 1.75	Q

Mount material	
Zinc-plated carbon steel	3

0 0 0 X

**LENGTHS AND ACCESSORIES**

Certificates	
A	Certificate of conformity

Li = Immersion length (mm)	
Standard length from 5 to 50mm with 5mm pitch	

Armature	
G*	Stainless steel sheathing

\* Not available with GSC/SCH cable  
Not available with Mignon connector

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**

GEFRAN spa reserves the right to make any kind of design or functional modification at any moment without prior 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](http://www.gefranonline.com)

**GEFRAN**

DTS\_TC5M\_12-2015\_ENG