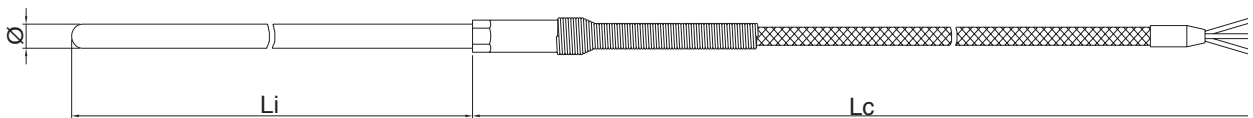


### Main features

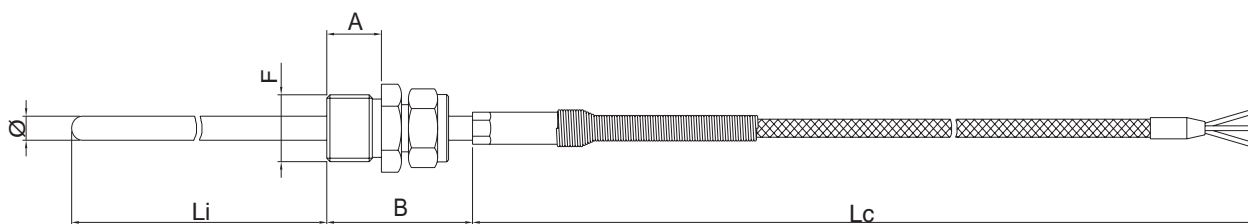
- Temperature limits: - 80 ... + 600° C
- Tolerance: UNI 7937, IEC 751 standards:
  - ± 0.15° C a 0° C for class A (1/2 DIN)
  - ± 0.30° C a 0° C for class B (1 DIN)
  - ± 0.10° C a 0° C for class B (1/3 DIN)
- Compact mineral insulated (MgO) resistance thermometer element (PT100 at 0° C) and continuous metal sheath
- Application versatility

### MODELS

TR1M A: without fitting



TR1M B: with adjustable compression fitting



# ORDER CODE

T R 1 M

**CODE**

Model	
Without fitting	A
With adjustable compression fitting	B

Element + Nr. of Wires	
Single 2 wires	1
Single 3 wires	2
Double 2 wires	3
Double 3 wires	4 *
Single 4 wires	5

(\*) Available with GSC cables

Precision Class	
PT100 classe A (1/2 DIN)	A
PT100 classe B (1 DIN)	B
PT100 classe (1/3 DIN)	C

Cable (DIN standards)	
PVC	1
GSC	2
Screened GSC	3 (*)
TTS	5
TES	6

(\*) Not available with dual element 2/3 wire (3)  
Not available with single-element 4-wire (5)

Sheath Material	
AISI 316	C

Sheath Diameter (mm)	
3	E *
4.5	G
6	I

(\*) Not available with double element

Connection Thread *		
1/8" GAS	"A"= 10mm	A
1/4" GAS	"A"= 12mm	B
3/8" GAS	"A"= 15mm	C
1/2" GAS	"A"= 15mm	D
1/8" NPT		G
1/4" NPT		H
3/8" NPT		I
1/2" NPT		J

(\*) To be shown for B model only

Connection Material *	
Nickel-Plated Brass	1
300 Series Stainless Steel	2

(\*) To be shown for B model only

Certificates	
A	Conformity Report

**LENGTHS AND ACCESSORIES**

Li = Immersion Length (mm)	
Standard length from 50 to 2000mm with 100mm step and from 2000 to 10000mm with 500mm step	

Armoured Sheathing (*)	
G *	Stainless Steel Sheathing

(\*) Not available with Screened GSC cable  
Not available with 3 wires double element

Connectors	
A	Standard male
B	Standard male + female
C	Standard male + panel

Lc = Cable length (dm)	
Standard length from 10 to 100dm with 5dm step	

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

Availability of Mounts / Sheathing Diameter			
Mount (F)	ø3	ø4,5	ø6
G 1/8	x	x	x
G 1/4	x	x	x
G 3/8	-	x	x
G 1/2	-	x	x
1/8 NPT	x	x	x
1/4 NPT	x	x	x
3/8 NPT	-	x	x
1/2 NPT	-	x	x

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

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