

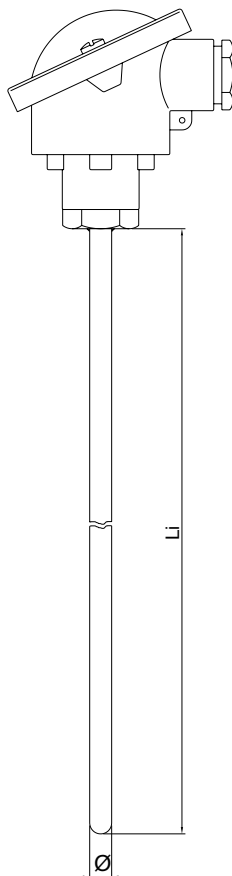


### Main features

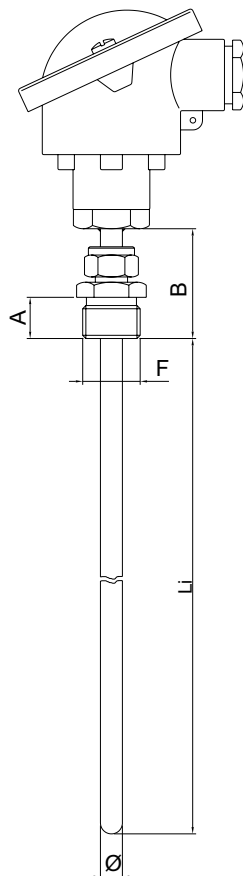
- Temperature limits: - 40 ... + 300° C
- Tolerance: UNI 7937, IEC 751 standards:  
 $\pm 0.15^{\circ}\text{C}$  a  $0^{\circ}\text{C}$  for class A (1/2 DIN)  
 $\pm 0.30^{\circ}\text{C}$  a  $0^{\circ}\text{C}$  for class B (1 DIN)  
 $\pm 0.10^{\circ}\text{C}$  a  $0^{\circ}\text{C}$  for class 1/3 DIN
- Ceramic insulation of sensor, PT100 at  $0^{\circ}\text{C}$
- Application versatility

### MODELS

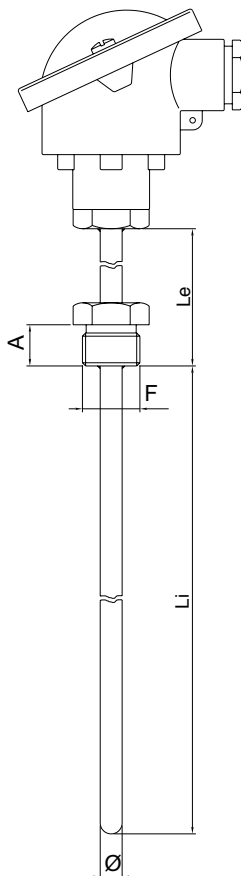
**TR6 A**  
without fitting



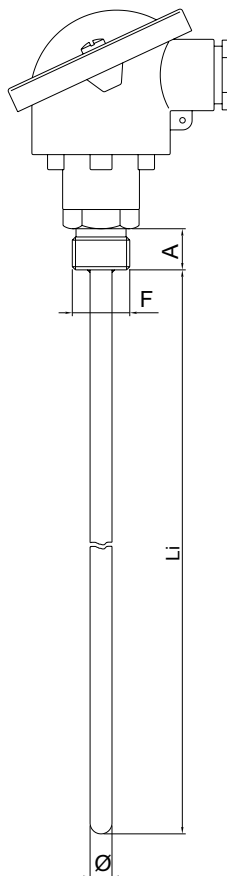
**TR6 B**  
with adjustable  
compression fitting



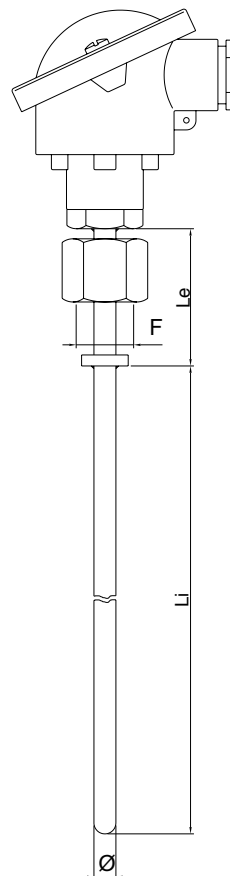
**TR6 C**  
with welded fitting



**TR6 D**  
with welded fitting  
under the head



**TR6 E**  
with female fitting  
and welded ring



## ORDER CODE

CODE		T	R	6											0	0	0	X				X					X	
<b>Model</b>																												
Without fitting	<b>A</b>																											
With adjustable compression fitting	<b>B</b>																											
With welded fitting	<b>C</b>																											
With welded fitting under the head	<b>D</b>																											
With female fitting and welded ring	<b>E *</b>																											
(*) Available with 1/2" GAS thread only																												
<b>Element + Nr. of Wires</b>																												
Single 2 wires	<b>1</b>																											
Single 3 wires	<b>2</b>																											
Double 2 wires	<b>3</b>																											
Double 3 wires	<b>4</b>																											
Single 4 wires	<b>5</b>																											
<b>Precision Class</b>																												
PT100 class A (1/2 DIN)	<b>A</b>																											
PT100 class B (1 DIN)	<b>B</b>																											
PT100 class (1/3 DIN)	<b>C</b>																											
<b>Connection Head</b>																												
Mignon	<b>A*</b>																											
DIN J	<b>B **</b>																											
DIN B	<b>C</b>																											
DIN BUS	<b>E</b>																											
EEX d IIC 2GD	<b>F</b>																											
CEAA	<b>H</b>																											
(*) Available with single 2-wire element only (**) Not available with double 3-wire element																												
<b>Sheath Material</b>																												
AISI 304	<b>A</b>																											
AISI 310	<b>B</b>																											
AISI 316	<b>C</b>																											
INCONEL 600	<b>F</b>																											
<b>Sheath Diameter (mm)</b>																												
5	<b>H *</b>																											
6	<b>I</b>																											
8	<b>J</b>																											
10	<b>K</b>																											
12	<b>L</b>																											
(*) Not available with double 3 wire element																												
<b>Connection Thread *</b>																												
1/8" GAS	"A"= 10mm	<b>A</b>																										
1/4" GAS	"A"= 12mm	<b>B</b>																										
3/8" GAS	"A"= 15mm	<b>C</b>																										
1/2" GAS	"A"= 15mm	<b>D</b>																										
1/8" NPT		<b>G</b>																										
1/4" NPT		<b>H</b>																										
3/8" NPT		<b>I</b>																										
1/2" NPT		<b>J</b>																										
(*) To be shown for B, C, D, E models only																												
<b>Connection Material *</b>																												
Nickel-Plated Brass	<b>1 **</b>																											
300 series stainless steel	<b>2</b>																											
(*) To be shown for B,C,D,E models only (**) Available for TR6B model only																												
<b>Sheath Tip</b>																												
Drilled	<b>F</b>																											
NOT Drilled	<b>0</b>																											

**Certificates**

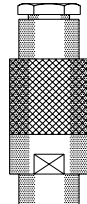
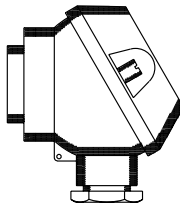
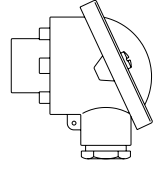
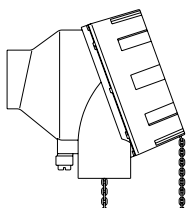
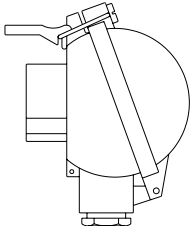
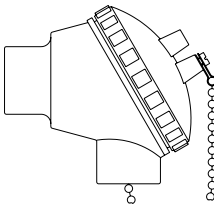
**A** Conformity Report

**LENGTHS AND ACCESSORIES**

**Li = Immersion Length (mm)**  
Standard Length from 50 to 1000mm with 50mm step

**Le = Extension Length (mm) \***  
Standard Length from 35 to 200mm with 10mm step

(\*) Available for TR6C and TR6E models only

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

Availability of Mounts /Sheathing Diameter					
MOUNT(F)	ø5	ø6	ø8	ø10	ø12
G 1/8	x	x	-	-	-
G 1/4	x	x	x	-	-
G 3/8	x	x	x	x	-
G 1/2	x	x	x	x	x
1/8 NPT	x	x	-	-	-
1/4 NPT	x	x	x	-	-
3/8 NPT	x	x	x	x	-
1/2 NPT	x	x	x	x	x

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