

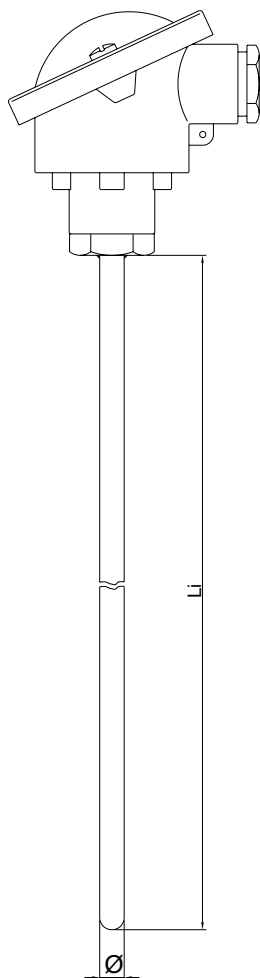


Main features

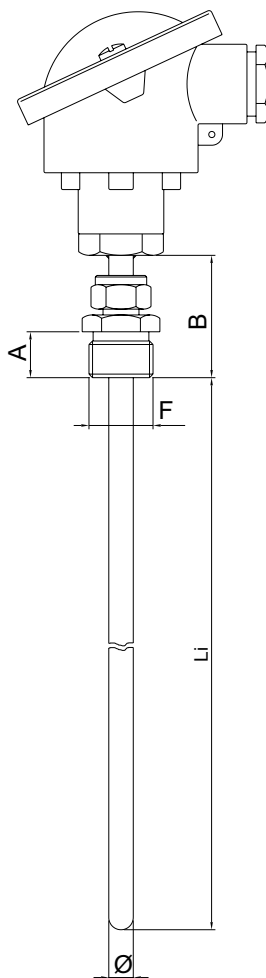
- Temperature Limits: - 80 ... + 600° C
- Tolerance: UNI 7937, IEC 751 standards:
 - $\pm 0.15^{\circ} \text{C}$ at 0°C for class A (1/2 DIN)
 - $\pm 0.30^{\circ} \text{C}$ at 0°C for class B (1 DIN)
 - $\pm 0.10^{\circ} \text{C}$ at 0°C for class 1/3 DIN
- Compact mineral insulated (MgO) resistance thermometer element (Pt100 at 0°C) and continuous metal sheath
- Application versatility

MODELS

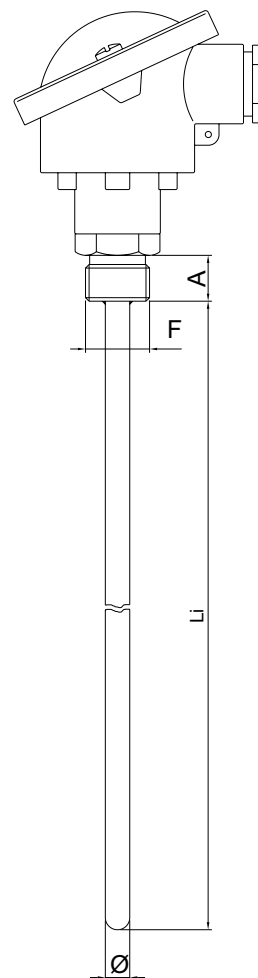
TR6M A
without fitting



TR6M B
with adjustable
compression fitting



TR6M D
with welded fitting
under the head



ORDER CODE

T R 6 M 0 0 0 X 0 0 0 X

CODE

Model	
Without fitting	A
With adjustable compression fitting	B
With welded fitting under the head	D

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

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

Connection Head	
Mignon	A *
DIN J	B **
DIN B	C
DIN BUS	E
EEX d IIC2GD	F
CEAA	H

(*) Available with single 2-wire element only
 (**) Not available with double 3-wire element

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, D models only

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

(*) To be shown for B, D models only

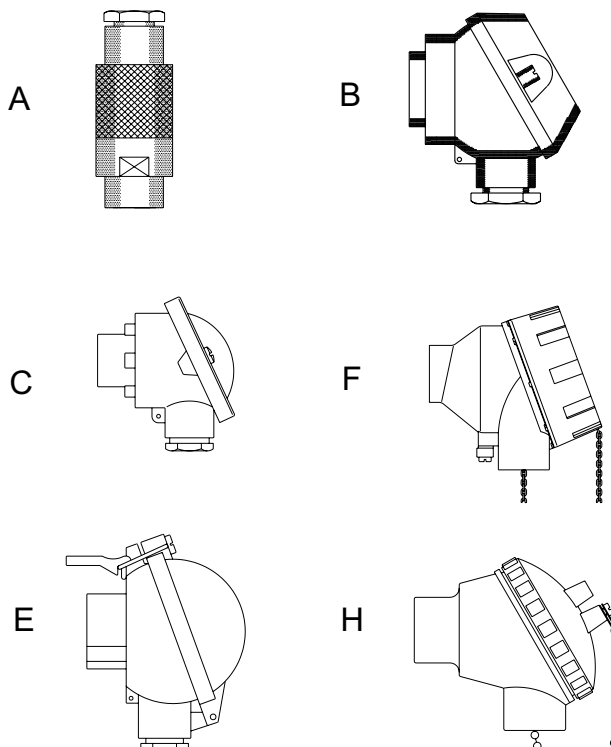
(**) Available for TR6MB model only

Certificates

A	Conformity Report
R	Calibration Report
T	SIT Certificate

LENGTHS AND ACCESSORIES

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



	Mod. B		Mod. 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)	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

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

GEFRAN

DTS_TR6M_07-2012_ENG