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TR6

GEFRAN

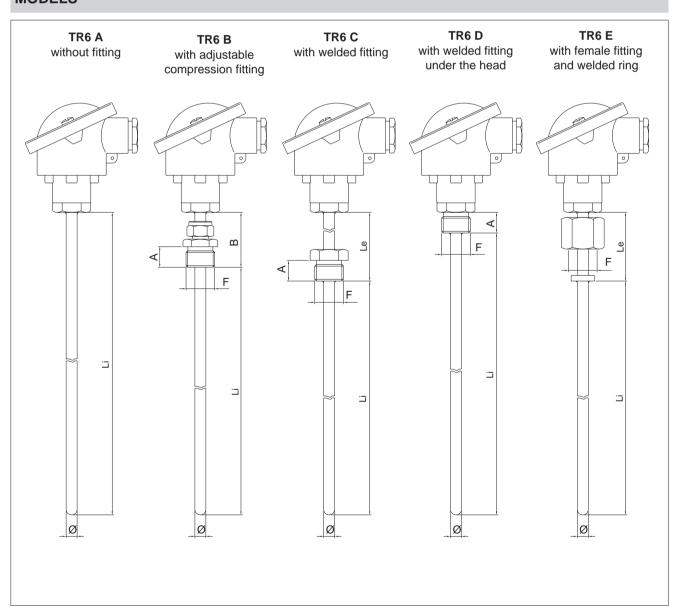
Resistance thermometers for a wide range of industrial applications



Main features

- Temperature limits: 40 ... + 300° 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 1/3 DIN
- Ceramic insulation of sensor, PT100 at 0° C
- Application versatility

MODELS



ORDER CODE CODE Model Without fitting Α With adjustable Certificates В compression fitting Conformity Report With welded fitting R Calibration Report With welded fitting under the head D SIT Certificate With female fitting Е and welded ring (*) Available with 1/2" GAS thread only LENGTHS AND ACCESSORIES Element + Nr. of Wires Li = Immersion Length (mm) Single 2 wires Standard Length from 50 to 1000mm Single 3 wires with 50mm step Double 2 wires Double 3 wires Single 4 wires Le = Extension Length (mm) * **Precision Class** Standard Length from 35 to 200mm with 10mm step PT100 class A (1/2 DIN) PT100 class B (1 DIN) B (*) Available for TR6C and TR6E models only PT100 class (1/3 DIN) Connection Head Mignon ** DIN J В DIN B DIN BUS EEX d IIC 2GD Н (*) Available with single 2-wire element only (**) Not available with double 3-wire element Sheath Material AISI 304 **AISI 310** В AISI 316 INCONEL 600 Sheath Diameter (mm) 6 10 12 C F (*) Not available with double 3 wire element **Connection Thread** 1/8" GAS "A"= 10mm 1/4" GAS В "A"= 12mm 3/8" GAS "A"= 15mm 1/2" GAS "A"= 15mm D 1/8" NPT G 1/4" NPT Н 3/8" NPT 1/2" NPT E Η (*) To be shown for B, C, D, E models only Connection Material Nickel-Plated Brass 300 series stainless steel

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

(**) Available for TR6B model only

Sheath Tip	
Drilled	F
NOT Drilled	0

	M	Mod. B		
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 NDT	20	15	20	

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

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





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