

industrial glass tube thermometer brass series



Instruments designed for use on: conventional power station, refrigeration plant, heating, ventilation and air-conditioning plant.

6.V6 - Standard Model

Accuracy: $\pm 1,0\%$ of full scale value.

Working pressure: 350 *psi max* (25 bar), without thermowell.

Overtemperature: not suitable.

Sensing element: colored liquid, mercury.

Graduation: engraved on internal wall of case.

Tube: glass, prismatic on mercury types.

Bulb: $\varnothing 0.43''$ (11 mm).

Case: aluminium, anodized brass.

Process connection and bulb protection:

brass for $T_e \leq 752^\circ F$ (400 $^\circ C$).

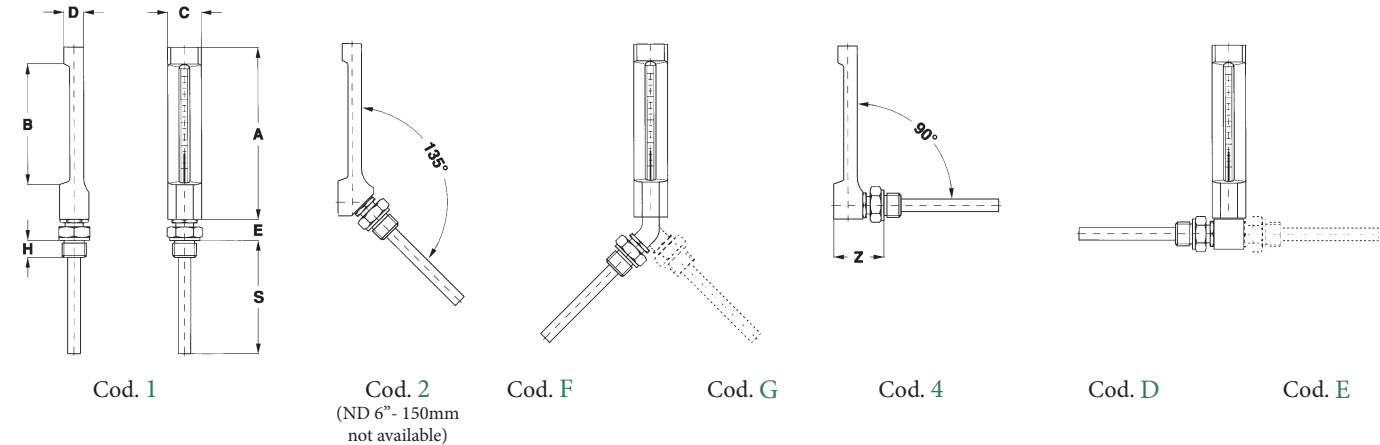
Standard bulb length: 1.57, 1.89, 2.48, 3.15, 3.93, 6.30, 7.87, 11.81"
(40, 48, 63, 80, 100, 160, 200, 300 mm).

RANGES	Scale graduation ($^\circ C$)		
	ND 4" (110mm)	ND 6" (150mm)	ND 8" (200mm)
-60...+40		2	
-50...+50			1
-40...+40	1	1	
-30...+50		1	1
-10...+50		1	1
0...+50	1		
0...+100	2	2	1
0...+120	2	2	1
0...+160	2	2	2
0...+200	5	5	2
0...+300		5	5
0...+400		5	5

NOTE

In case of breakage it is sufficient to change the tube, with engraved scale. This operation is possible thanks to the perfect interchangeability of tubes which permits a perfect alignment between engraved scale on tube and graduations on casing.

MOUNTING



ND	F	A	B	C	D	E	Z	H	S	Weight lbs. (kg)
E 4" (110 mm)	31M - G 3/8 A 41M - G 1/2 A 51M - G 3/4 A 43M - 1/2-14 NPT 53M - 3/4-14 NPT	4.33 (110)	2.79 (70)	1.38 (35)	0.79 (20)	0.79 (20)	1.77 (45)	0.59 (15)	1.57...11.81 (40...300)	1.32...2.42 (0,6...1,1)
G 6" (150 mm)		5.91 (150)	3.94 (100)	1.38 (35)	0.79 (20)	0.79 (20)	1.77 (45)	0.59 (15)	1.57...11.81 (40...300)	1.54...2.64 (0,7...1,2)
H 8" (200 mm)		7.87 (200)	5.91 (150)	1.38 (35)	0.79 (20)	0.79 (20)	1.77 (45)	0.59 (15)	1.57...11.81 (40...300)	1.76...2.86 (0,8...1,3)

dimensions : inches (mm)

FILLING LIQUIDS

°C	Colored liquid A	Mercury B
-60...+40	v	
-50...+50	v	
-40...+40	v	
-30...+50	v	
-10...+50	v	
0...+50	v	
0...+100	v	
0...+120	v	
0...+160	v	
0...+200	v	
0...+300		v
0...+400		v

“HOW TO ORDER” SEQUENCE

Section / Model /Mounting / Connection type / Diameter / Range / Process connection / Bulb type and length						
6	V6	1	3	E	31M	A
		2		G	41M	B
		F		H	51M	
		G			43M	
		4			53M	
		D				
		E				

