

industrial glass tube thermometer watertight enclosure

TV8



These instruments are designed for the chemical and petrochemical industry, air conditioning and conventional power plants.

6.V8 - Standard Model

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

Working pressure: 600 psi max (40 bar), without thermowell.

Overtemperature: not suitable.

Protection degree: IP 55 as per EN 60529/IEC 529.

Tube: Jena 16 III glass, with blue reflex on temperatures.

Sensing element: colored liquid, mercury.

Process connection and bulb protection: carbon steel.

Standard bulb length: 3.94, 7.87, 11.81, 15.75, 19.69"
(100, 200, 300, 400, 500 mm).

Dial: aluminium, white with black markings.

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

Case: aluminium-alloy, black painted.

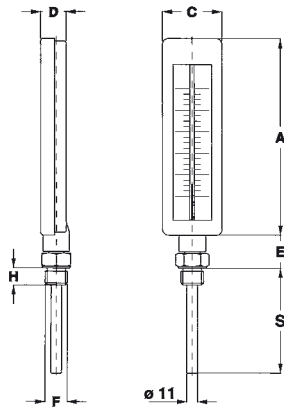
Cover: polishec stainless steel.

Window: glass, 0.08" (2 mm) thick.

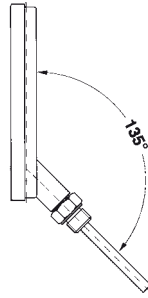
Gasket: neoprene.

RANGES °C	Scale graduation (°C)	
	ND 7" (180 mm)	ND 10" (250 mm)
-50...+30	1	1
-50...+50	1	1
-40...+40	1	1
-30...+50	1	1
-10...+50	1	1
0...+80	1	1
0...+100	1	1
0...+120	2	1
0...+160	2	1
0...+200	2	2
0...+240		2
0...+300	5	5
0...+400	5	5

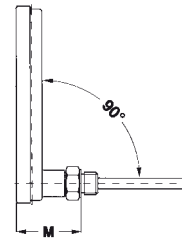
MOUNTING



Cod. 1



Cod. 2



Cod. 4

ND	F	A	C	D	E	M	H	S	Weight lbs. (kg)
H 7" (180 mm)	41M - G 1/2 A 51M - G 3/4 A	7.09 (180)	2.17 (55)	0.98 (25)	1.24 (31,5)	2.42 (61,5)	0.63 (16)	3.94...19.69 (100...500)	1.32...2.42 (0,6...1,1)
I 10" (250 mm)	43M - 1/2-14 NPT 53M - 3/4-14 NPT	9.84 (250)	2.17 (55)	0.98 (25)	1.24 (31,5)	2.42 (61,5)	0.63 (16)	3.94...19.69 (100...500)	1.54...2.64 (0,7...1,2)

FILLING LIQUIDS

°C	Colored liquid	Mercury
	A	B
-50...+30	❖	
-50...+50	❖	
-40...+40	❖	
-30...+50	❖	❖
-10...+50	❖	❖
0...+80	❖	❖
0...+100	❖	❖
0...+120	❖	❖
0...+160	❖	❖
0...+200	❖	❖
0...+240		❖
0...+300		❖
0...+400		❖

"HOW TO ORDER" SEQUENCE

Section / Model / Mounting / Connection type / Diameter / Range / Process connection / Bulb type and length

6 V8 1 3 H
 2 I
 4 41M A
 51M B
 43M
 53M