

industrial glass tube thermometer watertight case



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.

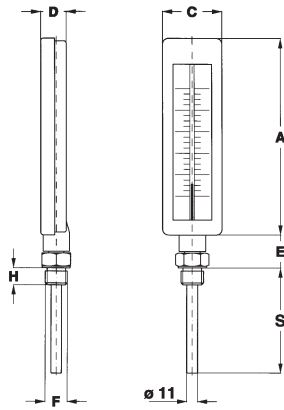
Cover: polished stainless steel.

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

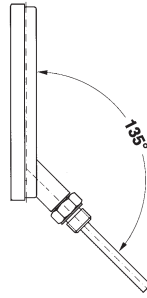
Gasket: neoprene.

RANGES	Scale graduation ($^{\circ}\text{C}$)	
	ND 7" (180 mm)	ND 10" (250 mm)
$-50\dots+30$	1	1
$-50\dots+50$	1	1
$-40\dots+40$	1	1
$-30\dots+50$	1	1
$-10\dots+50$	1	1
$0\dots+80$	1	1
$0\dots+100$	1	1
$0\dots+120$	2	1
$0\dots+160$	2	1
$0\dots+200$	2	2
$0\dots+240$		2
$0\dots+300$	5	5
$0\dots+400$	5	5

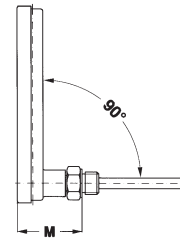
MOUNTING



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 fluid	Mercury
	A	B
-50...+30	v	
-50...+50	v	
-40...+40	v	
-30...+50	v	
-10...+50	v	
0...+80	v	
0...+100	v	
0...+120	v	
0...+160	v	
0...+200	v	
0...+240		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 V8 1 3 H 41M A
2 I 51M B
4 43M
53M