

Stainless steel thermometers



Gas actuated thermometers, fully in stainless steel. Suitable for most applications. Several features available: direct, wall or flush mounting. Better accuracy and ruggedness than bimetallic thermometers.

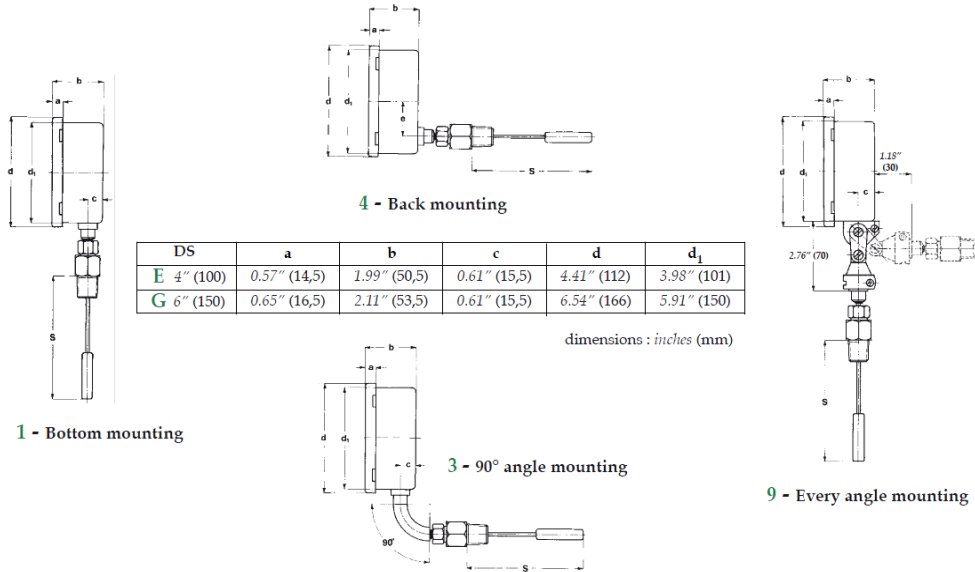
Technical data:

Nominal size:	80 mm. - 100 mm. - 160 mm. - 250 mm.
Case:	Stainless steel AISI-304 acc./DIN 1.4301. Protection degree IP65. Square (72x72/96x96/144x144/ 192x192) and rectangular (72x144/96x192) cases also available upon request.
Movement:	Stainless steel AISI304.
Sensible element:	Stainless steel bourdon tube.
System:	Expansion based, nitrogen or organic liquid.
Rigid stem:	Stainless steel AISI 316/1.4401 Ø 14 mm. (Ø 12 , 10 and 8 mm. upon request).
Capillary tube:	Steel Ø 2,5 mm. + st. steel flexible covering protector. Also available without covering, or PVC or copper coated.
Dial:	Aluminium, white. Black figures.
Pointer:	Aluminium, Black, with adjustment screw.
Window:	Mineral glass 3 mm.
Connection:	By means of thread 1/2" male BSP or NPT, sliding on stem. Upon request metric threads, sanitary connections according to DIN11851, etc.
Accuracy:	±1,0% value final scale, according to DIN 16.203. (±0,6% f.s. upon request).
Options:	Electric contacts (see MCE), drag pointer (maximum), etc.

Ranges in °C

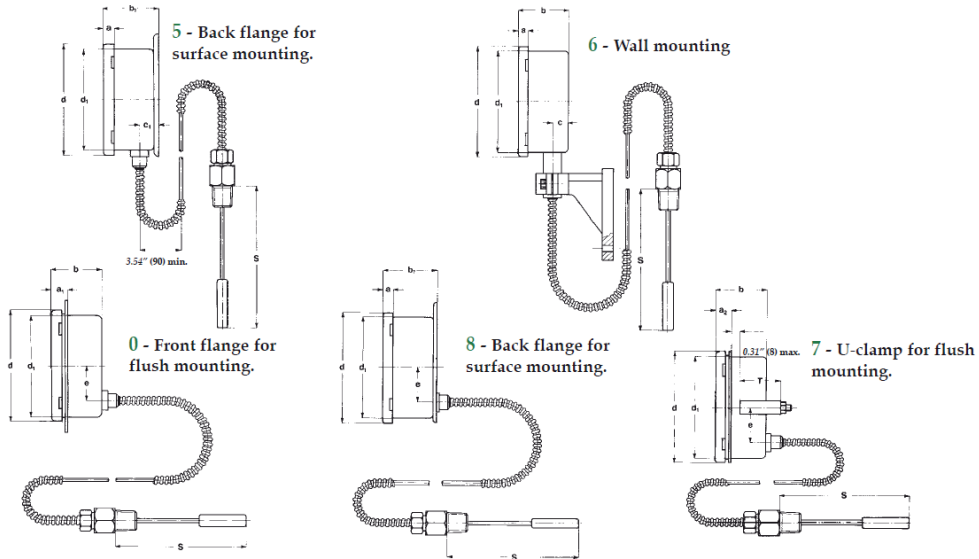
-200+100	-200+50	-120+40	-20+120	-40+80
-80+40	-50+50	-40+60	-20+80	-20+60
-40+40	-30+50	-20+40	0...60	0...80
0...100	0...120	0...160	0...200	0-250
0...300	0...400	0...500	0...600	

Features and dimensions



DS	a	b	c	d	d ₁
E 4" (100)	0.57" (14,5)	1.99" (50,5)	0.61" (15,5)	4.41" (112)	3.98" (101)
G 6" (150)	0.65" (16,5)	2.11" (53,5)	0.61" (15,5)	6.54" (166)	5.91" (150)

dimensions : inches (mm)



DS	A	B	a	a ₁	a ₂	b	b ₁	c	c ₁	d	d ₁	D	E	E ₁	e	h	h ₁	T	V	Z
E 4" (100)	2.72" (69)	2.36" (60)	0.57" (14,5)	0.83" (21)	0.79" (20)	1.99" (50,5)	2.15" (54,5)	0.61" (15,5)	0.77" (19,5)	4.41" (112)	3.98" (101)	5.12" (130)	4.57" (116)	4.65" (118)	1.36" (34,5)	2.05" (52)		1.63" (41,5)	2.76" (70)	4.41" (112)
G 6" (150)	3.78" (96)	2.36" (60)	0.65" (16,5)	0.83" (21)	0.79" (20)	2.11" (53,5)	2.26" (57,5)	0.61" (15,5)	0.77" (19,5)	6.54" (166)	5.91" (150)	7.48" (190)	6.89" (175)		1.36" (34,5)	3.35" (85)	3.35" (85)	1.77" (45)	4.17" (106)	6.10" (155)

a

dimensions : inches (mm)

h