

BIMETAL-POINTER-THERMOMETER




Accuracy class 1

NS 63, NS 80, NS 100, NS 160

High-quality version, particularly suitable for use in machine-, container-, pipeline- and apparatus construction as well as in heating technology.



Protection tubes for use at static and dynamic pressures

Type	03 063	03 080	03 100	03 160	Options
Nominal size	63	80	100	160	
Symbol					
Accuracy	class 1				
Ranges (°C)	-30/+50, 0/40, 0/80, -20/+60, 0/60, 0/100, 0/120, 0/160, 0/200, 0/250, 0/300				0/350, 0/400, 0/500 and more see type B11 and B14
Application	Continuous load - measuring range, short-term (1h) - display range				
Pressure at thermowell	See page 2				
Case	1.4301 / 1.4016				
Dial	Aluminium, white, scale and letters black printed				
Pointer	Aluminium, black				
Window	Instrument flat glass				
Plain stem	Ø 8 mm, bottom centric				
Connection	Plain stem with collar for protection tube, Note: the thermometers can only be used with a suitable protection tube				Thread G 1/2 o. M20x1,5, rotated and pivoted with fixed thread = type 10.2
Nominal length immersion tube	45, 63, 100, 160, 200, 250, 300, 400				more lengths on request
Protection class	IP 43 (EN 6+0529/IEC 529), with bayonet ring IP 56				
Weight (kg)	0,08	0,12	0,15	0,35	

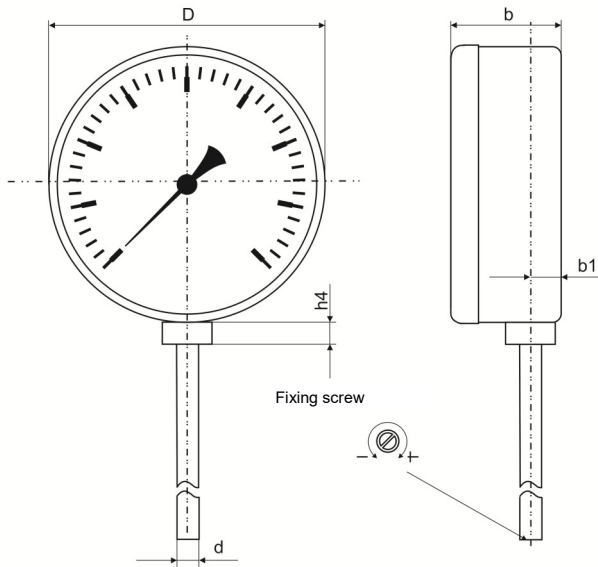
Dimensional drawings

Dimensions in mm



DRUCK & TEMPERATUR

Type	D	d	b	d ₁ —Types 988, 998, 999	d ₁ —Types 968, 969	d ₄	d ₅	d ₆	h ₂	h ₃	h ₄	G	SW	l ₁	l ₂
03 063	63	8	16	10	12	26	24	14	13	33	8	G1/2	27	45, 63, 100,	22, 43, 80,
03 080	80	8	17	10	12	26	24	14	13	33	8	G1/2	27	160, 200,	140, 180
03 100	100	8	21	10	12	26	24	14	13	33	8	G1/2	27	250, 300, 400	
03 160	160	8	25	10	12	26	24	14	13	33	8	G1/2	27	+ on request	



Order additionally:

At static pressures

Protection tube with fixing screw

Thread G 1/2A

Cu-alloy

Type 988, PN6

St35

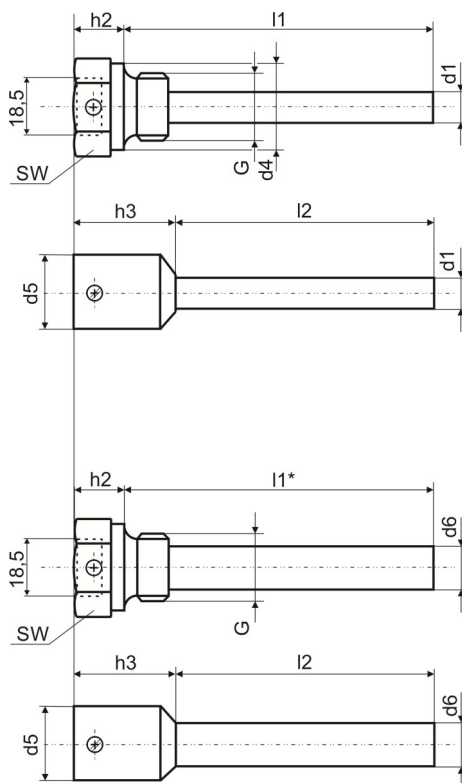
Type 968, PN25

up to 250 mm 1.4404

Type 998, PN25

from 300 mm 1.4571

Type 998, PN25



Weld-in protection tube

St35

Type 969, PN25

1.4571

Type 999, PN25

At dynamic pressures

Protection tube with fixing screw

of solid material

C22.8

Type E 968, PN160

1.4571

Type E 998, PN160

l1* 63,100,150,200

Weld-in protection tube of solid material

C22.8

Type S 969 PN160

1.4571

Type S 999 PN160