BIMETAL-POINTER-THERMOMETER

DRUCK & TEMPERATUR

Accuracy class 1

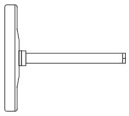
NS 63, NS 80, NS 100, NS 160

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





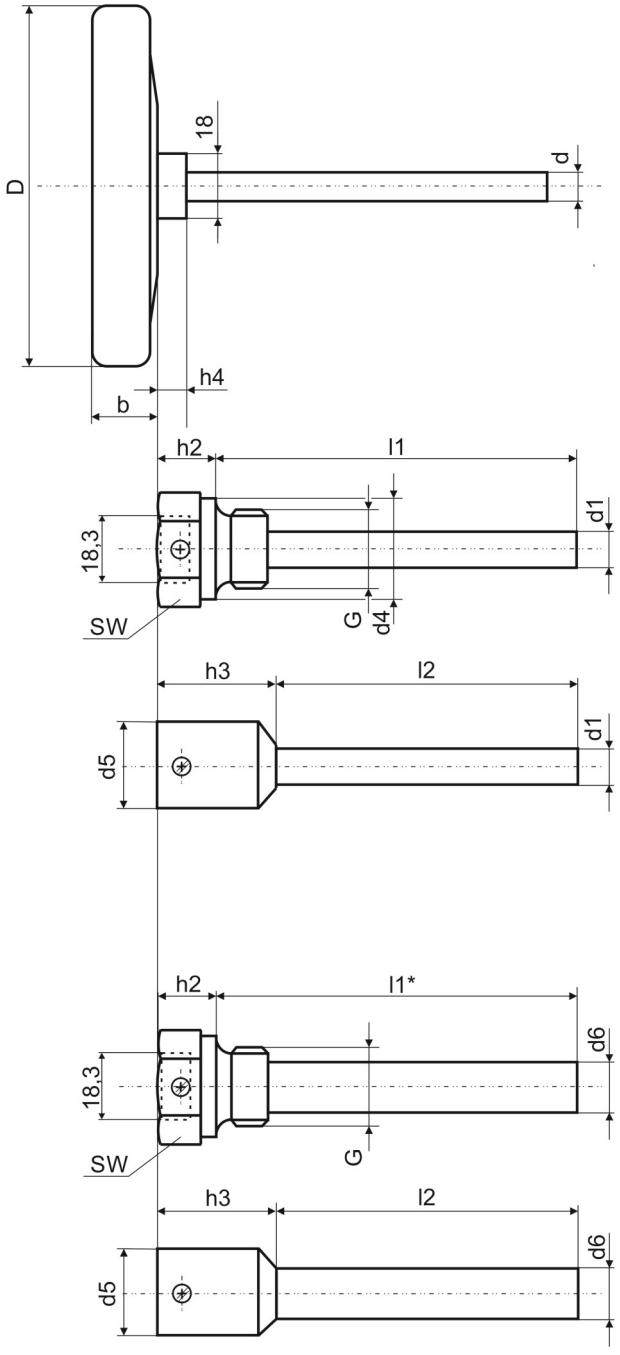
Protection tubes for use at static and dynamic pressures

Type	10 063	10 080	10 100	10 160	Options
Nominal size	63	80	100	160	
Symbol					with stainless steel flange **type 04-3683** for use in ventilation systems and in air conditioning
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 types 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 / plastic—depending on version				
Plain stem	Ø 8 mm, back 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

Type	D±1	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
10 063	64	8	12	10	12	26	24	14	13	33	8	G1/2	27	45, 63, 100, 160, 200, 250, 300, 400 and on request	22, 43, 80, 140, 180
10 080	80	8	13	10	12	26	24	14	13	33	8	G1/2	27		
10 100	100	8	14	10	12	26	24	14	13	33	8	G1/2	27		
10 160	160	8	18	10	12	26	24	14	13	33	8	G1/2	27		



Order additionally:

<u>At static pressures</u>

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

<u>At dynamic pressures</u>

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

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The technical data of the devices described in this document correspond to the current state of the art. We reserve the right to make changes and exchange materials.