


# BIMETAL-POINTER-THERMOMETER



**Accuracy class 1**  
**All stainless steel**  
**Connection bottom**

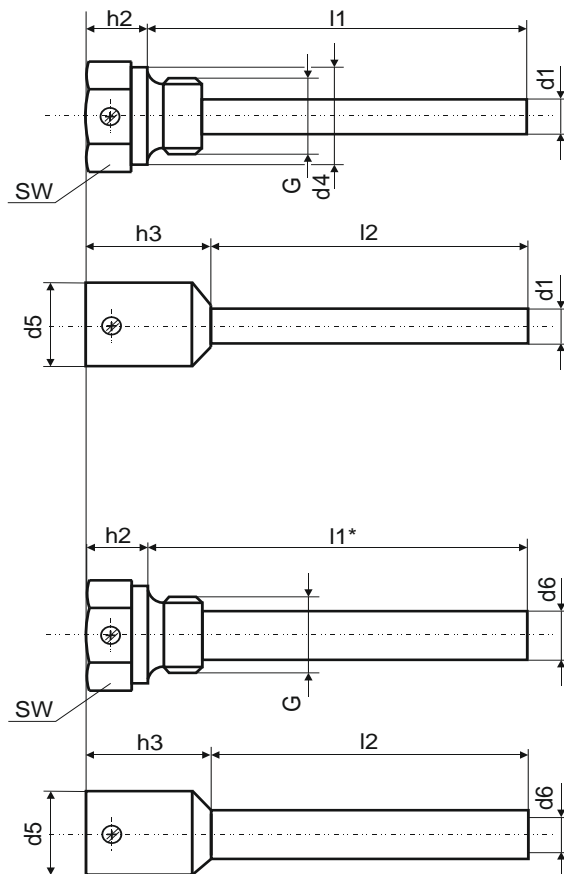
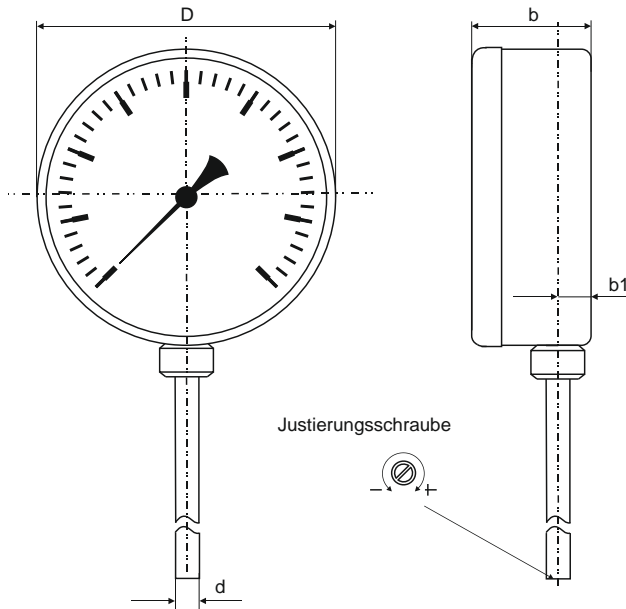


Useable for industry and heating.

Model	03	Options
Nominal size	100	63
Symbol		
Accuracy class	1	
Ranges with scale division acc. To DIN	-30... +50°C -20... +60°C 0... 40°C 0... 60°C 0... 120°C 0... 160°C 0... 200°C 0... 250°C 0... 400°C	-10... 50°C 0... 80°C 0... 100°C  scale °F Dual scale °C/°F
Application	Constant load: full scale short time up to 1 h: 1,2 of full scale	
Pressure at	see page 2	
Case / ring	1.4301	
Adjustment	Correction screw on the dip tube end	
Dial	Aluminium white with division acc. to DIN, printing black	
Pointer	Aluminium black	
Window	Flat instrument glass	
Plain stem	Ø 8 mm, bottom / 1.4301	
Connection	Flat, with the admission für protecting tube You only can use the thermometers in connection with a suitable protection tube.	
Plain stem lenght	(45), 63, 100, 160, 200, 250, 300, 400	Other on request
Protection	IP 43 (EN 60529/IEC 529)	
Weight (kg)	approx. 0,2	

## Dimensioned drawings

Type	Dimensions in mm														
	D	d	b	b1	d <sub>1</sub>	d <sub>4</sub>	d <sub>5</sub>	d <sub>6</sub>	h <sub>2</sub>	h <sub>3</sub>	h <sub>4</sub>	G	SW	l <sub>1</sub>	l <sub>2</sub>
03	100	8	39	10	10	26	24	14	13	33	8	G $\frac{1}{2}$	27	45, 63, 100, 150, 200, 250, 300, 400 und auf Anfrage	43, 80, 140, 180



Additionally required:

at static pressure:

**Protection tube with lateral screw**

Thread G 1/2A

Cu-alloy

Type 988, PN6

St35

Type 968, PN25

Stainless steel 1.4571 or

Type 998, PN25

Stainless steel 1.4301

**Protection tube weld**

St35

Type 969, PN25

1.4571

Type 999, PN25

at dynamic pressure:

**Protection tube with lateral screw**

**made of bulk material**

St37-2

Typ E 968, PN160

1.4571

Typ E 998, PN160

l1\* 63,100,150,200

**Protection tube weld made of bulk material**

St37-2

Typ S 969 PN160

1.4571

Typ S 999 PN160