

**PRESSURE GAUGES WITH BOURDON TUBE  
STANDARD VERSION  
ACCORDING TO DIN EN 837-1**



**Diameter 80, 100  
Connection position radial bottom  
or centric back**



For normal demands in terms of reading accuracy and design. These pressure gauges are suitable for all gaseous and liquid media where not attack copper alloys and are not highly viscous or crystallize.

Type	4881	4421	4451	4461	Options
Diameter	80		100		
Symbol					Type 4451, but cl.1,0 = Type 5321
Accuracy class	1,6 acc. to DIN 16005				cl. 1,0
Ranges	0...0,6 up to 0...600 bar acc. to DIN 16128 negative and/or positive overload pressure				
Application	Constant load: 3/4 x end of scale value Alternating load: 2/3 x end of scale value Short-time: end of scale value				
Case	Steel, black				
Ring	slip ring, steel black, screwed				
Window	flat instrument glass				
Dial	Al white, scale and printing black, red marker pointer				Special scale, Dual scale bar / mWs
Movement	CuZn-alloy				
Pointer	Al black acc. to DIN 16099				
Measuring element	Cu-alloy				
Pressure connection	CuZn-alloy				
Connection position	radial bottom	centric back	radial bottom	centric back	
Thread	G 1/2 B	G 1/2 B	G 1/2 B	G 1/4 B	others on request
Temperatures	Medium: max. +60°C, ambient: -40°C... +60°C				Special solder f. 130°C/140°C
Protection	IP43				
Orifice					
Approx. Weight (kg)	0,18 kg	0,19 kg	0,3 kg	0,26 kg	

## Dimensioned drawing

Type	Dimensions in mm							
	ND	a	b	b1	D	G	h	SW
4881	80	15	40	-	79	G 1/2 B	72	22
4421	80	-	31	65	79	G 1/2 B	-	22
4451	100	18	42	-	100	G 1/2 B	83,5	22
4461	100	-	31	49	99	G 1/4 B	-	14
5321	100	18	42	-	100	G1/2 B	83,5	22

