

# STANDARD PRESSURE GAUGES ACCORDING TO DIN EN 837-1



**Diameter 40, 50, 63**  
**Connection position radial bottom**  
**or centric back**



For normal demands in accuracy of indication and construction.

They can be used in all applications where liquid or gaseous media are not highly viscous and do not attack copper alloys or crystallize.

Type	4101	4151	4201	4251	4301	4351	Options
Diameter	40		50		63		
Symbol							ND 63, ABS-case, cl.1,6 0...4 bar, with green field and red mark, G1/4 or G3/8: <b>4821</b> (bottom), <b>4841</b> (back)
Accuracy class	2,5 according to DIN EN 837-1				KI. 1,6		
Ranges	0...0,6 up to 0...400 bar acc. to DIN 16128 negative or positive overpressure						
Application	Constant load: 3/4 x end of scale value Alternating load: 2/3 x end of scale value						
Case	Steel, black						Stainless steel, bright
Ring	with slip ring, pressed				with slip ring; screwed		slip ring, triangular front ring, bow fixing
Window	Glass						Plexiglass, clipped-on
Dial	Al white, scale black acc. to DIN 16109						Special scales
Movement	CuZn-alloy						
Pointer	Al black						
Measuring elem.	Cu-alloy						
Pressure connect.	CuZn-alloy						
Connection position	radial bottom	centric back	radial bottom	centric back	radial bottom	centric back	
Thread	G 1/8 B without male or G 1/4 B		G 1/4 B or G 1/8 B without male		G 1/4 B		on request G 1/8 B and M 12x1,5
Temperatures	Medium: max 60°C, ambient: -40°C bis 60°C						Special solder up to 200°C
Orifice							dmr. 0,4; dmr. 0,8
Approx. Weight	0,07 kg	0,065 kg	0,075 kg	0,071 kg	0,15 kg	0,15 kg	

Type	Dimensions in mm							
	ND	a	b	b1	D	G	h	SW
4101	40	8	24,1	-	42	<b>G 1/8 B</b>	39	14
4101	40	8	24,1	-	42	G 1/4 B	40,5	14
4151	40	-	26	39	42	<b>G 1/8 B</b>	-	14
4151	40	-	26	47	42	G 1/4 B	-	14
4201	50	9	26	-	53	G 1/4 B	47	14
4251	50	-	24	42	53	G 1/4 B	-	14
4301	63	10	28,3	-	62	G 1/4 B	53,5	14
4351	63	-	30	52	62	G 1/4 B	-	14

