

LOW PRESSURE GAUGE

304M, 358M

diameter 63mm

bottom and back connection



DESCRIPTION:

- stainless steel case 17 240/1.4301
 - glass inspection hole
 - connection 304M (bottom), 358M (back) CuZn and copper alloys
- measuring mechanism CuZn and copper alloys
 - reset bolt

APPLICATION:

- gas industry
- heating industry
- air-conditioning
- power engineering
- gas distribution

TECHNICAL PARAMETERS:

- diameter: 63mm
- measure ranges: 0-400, 600Pa
 - 0-1; 1,6; 2,5; 4; 6; 10; 16; 25; 40kPa
 - 150+250; -200+400; -400+600Pa
 - 0,6+1; -1+1,5; -1,5+2,5; -2+4;
 - 4+6; -6+10; -10+15; -15+25kPa
 - 400-0; -600-0Pa
 - 1-0; -1,6-0; -2,5-0; -4-0; -6-0; -10-0; -16-0; -25-0; -40-0kPa
- scale: Pa, bar
- connection threads: G1/4, M12x1,5
- accuracy class: 1,6%
- design: pressure gauge, pressure-vacuum indicator, vacuum indicator
- special scale design

SPECIFICATION:

Low pressure gauges 304M/358M are produced according to standard EN837-3. Mainly used for pressure measuring of liquids, vapour and gases, that do not have corrosive effect on copper alloys.

Low pressure gauges are designed for very low pressure measurements up to 400Pa. Used primary in gas distribution.

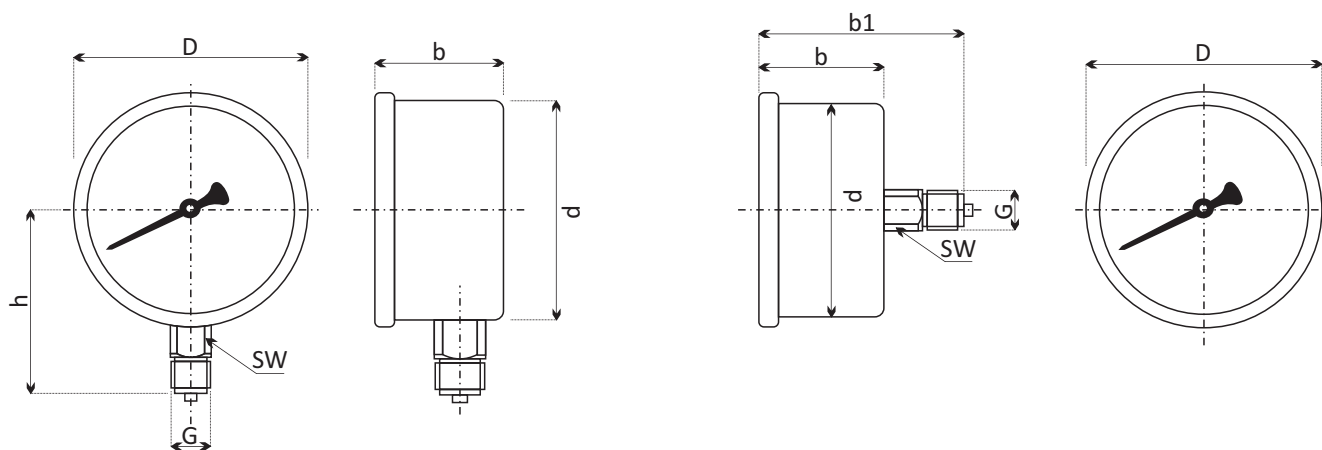
Environment temperature -40 up to 60°C, medium temperature T_{max} 60°C. Low pressure gauges are equipped with regulatory bolt for exact reset, when it is required to set zero value before each installation.

Other design options on request - special scale design, connection thread, glycerine or silicon damping, front/back flange, etc.

Code	304M	358M
Diameter	63mm	
Design	bottom connection	back connection
Accuracy class	1,6 %	
Measure ranges	0-2,5kPa...0-40kPa, vacuum and pressure	
Highest accuracy	constant pressure - 3/4 from all range ,fluctuating pressure - 2/3 from all range	
Case	stainless steel 17 240/1.4301	
Ring	stainless steel 17 240/1.4301 - encased/bayonet	
Inspection hole	glass/plexiglas	
Dial	white plastic with black print according to DIN 16 109	
Needle	black plastic	
Machine basis	CuZn - alloy	
Spring	Cu -alloy	
Connection	CuZn - alloy	
Thread	M12x1,5 or G1/4	
Medium temper.	T _{max} 60°C	
Environment temp.	T _{min} -40°C, T _{max} 60°C	
Measurement dependance on temp.	0,3%/10K for deviation from standard temperature 20°C	
Weight approx.	0,3 kg	

- 304M - encased bottom connection

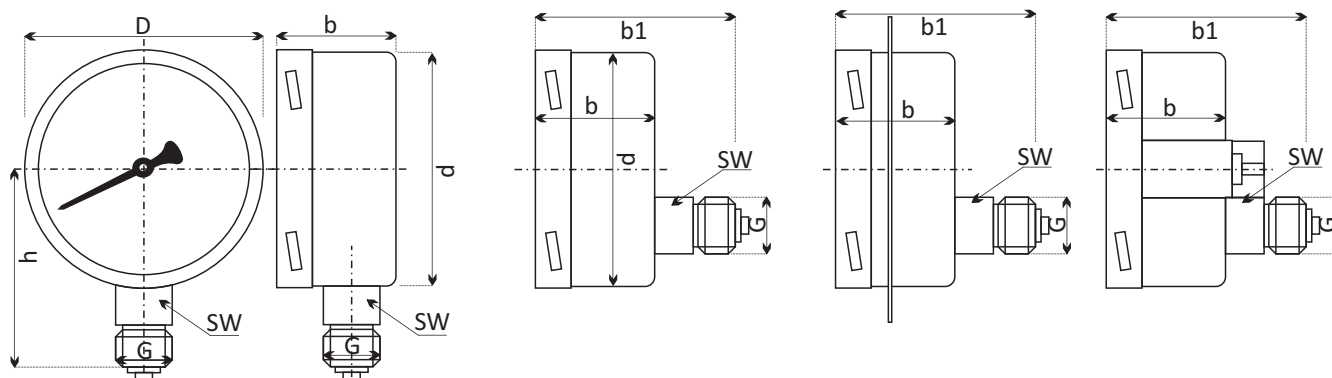
- 358M - encased back connection



Dimensions in mm								
Type	Nom. size	d	b	b1	D	G	h	SW
304M	63	62	30	-	68	M12x1,5	56	14
358M	63	62	30	60	68	G1/4	-	14

- 304M - bayonet bottom connection
- 358M - bayonet back connection

- with front flange - with clamp



Dimensions in mm								
Type	Nom. size	d	b	b1	D	G	h	SW
304M	63	62	32	-	64	M12x1,5	52	14
358M	63	62	32	62	64	G1/4	-	14

