

STANDARD PRESSURE GAUGE 308S/308Z

diameter 50mm
bottom and back connection



DESCRIPTION:

- metal case
- glass inspection hole
- connection 308S (bottom), 308Z (back) CuZn and copper alloys
- measure mechanism CuZn and copper alloys

APPLICATION:

- heating industry
- air-conditioning
- food industry
- health care
- hydraulics

TECHNICAL PARAMETERS:

- diameter: 50mm
- measure ranges: 0-100, 160, 250, 400, 600kPa
0-1; 1,6; 2,5; 4; 6; 10; 16; 25; 40MPa
-0,1+2,4; -0,1+1,5; -0,1+0,9MPa
-100+500; -100+300; -100+150; -100-0kPa
- scale: Pa, bar, individual
- connection threads: G1/4 (G1/8, G1/2, M10x1, M12x1,5)
- design: pressure gauge, pressure-vacuum indicator, vacuum indicator
- accuracy class: 2,5%

SPECIFICATION:

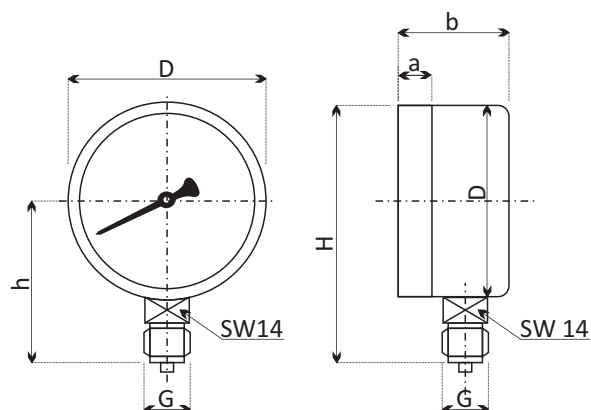
Standard pressure gauges 308S/308Z are produced according to standard EN837-1. Mainly used for simple pressure measurement of liquids, vapour and gases, that do not have a corrosive effect on copper alloys and its viscosity allows for measuring using bourdon pen mechanism.

Standard pressure gauges are suitable for use in conditions without high demands on the device. Environment temperature -40 up to 60°C, maximum medium temperature T_{max} 60°C.

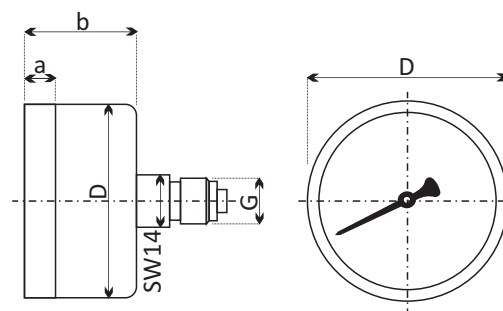
Other alternatives of design on request - special scale design, connection thread, max. pressure needle etc..

Code	308S	308Z
Dimensions	50mm	
Design	bottom connection	back connection
Accuracy class	2,5%	
Ranges	0-100kPa...0-40MPa, vacuum and pressure	
Highest accuracy	constant pressure - 3/4 from all range, fluctuating pressure - 2/3 from all range	
Case	black varnished metal	
Ring	black varnished metal	
Inspection hole	glass	
Scale	white Al sheet with black print according to DIN 16 109	
Needle	black varnished metal	
Machine basis	CuZn - alloy	
Spring	Cu - alloy	
Connection	CuZn - alloy	
Thread	G1/4 (G1/8, G1/2, M10x1, M12x1,5)	
Medium temp.	T _{max} 60°C	
Environment temp.	T _{min} -40°C, T _{max} 60°C	
Measuring depend. on temperature	0,3%/10K for deviation from normal temperature 20°C	
Weight approx.	0,08kg	0,07kg

• 308S - bottom connection



• 308Z - back connection



Dimensions mm							
Type	Nom. size	a	b	D	G	h	H
308S	50	10	28	52	G1/4	44	70
308Z	50	10	27,6	52	G1/4	-	-