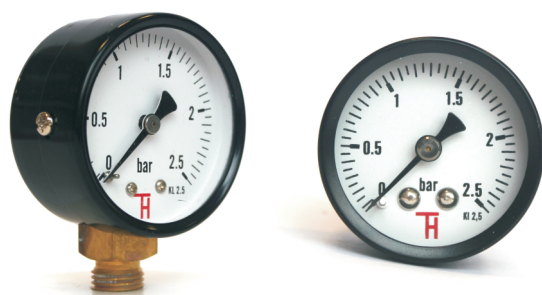


STANDARD PRESSURE GAUGE 301S/301Z

diameter 40mm
bottom and back connection



DESCRIPTION:

- metal case
- acrylate/glass inspection hole
- connection 301S (bottom), 301Z (back), CuZn and copper alloys
- measurement mechanism CuZn and copper alloys

APPLICATION:

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

TECHNICAL PARAMETERS:

- diameter: 40mm
- measure range: 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: G1/8 (G1/4, M10x1, M12x1,5)
- design: pressure gauge, pressure-vacuum indicator, vacuum indicator
- accuracy class: 2,5%

SPECIFICATION:

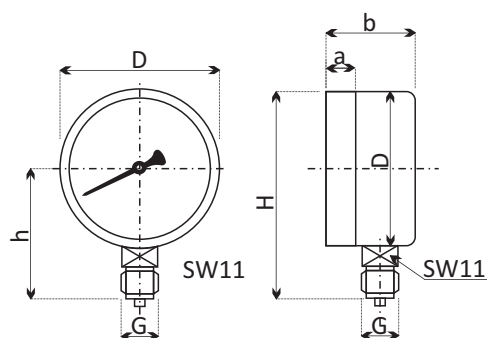
Standard pressure gauges 301S/301Z are produced according to standard EN837-1. Mainly used for simple pressure measurement of liquids, vapour and gases, that do not have a corrosive effect on copper alloys and its viscosity allows for measuring using bourdon pen mechanism.

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.

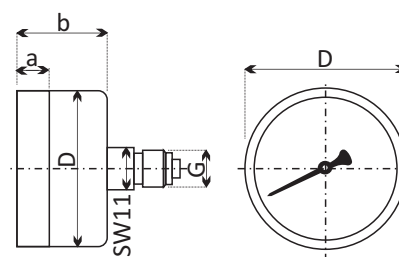
Other alternatives of design on request - special scale design, connection thread, max. pressure needle etc.

Code	301S	301Z
Diamete	40mm	
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	plastic,black/black varnished metal	
Ring	none/with - black varnished metal	
Inspection hole	acrylate/glass	
Dial	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	G1/8 (G1/4, M10x1, M12x1,5)	
Medium temper.	$T_{\max} 60^{\circ}\text{C}$	
Environment temper.	$T_{\min} -40^{\circ}\text{C}$, $T_{\max} 60^{\circ}\text{C}$	
Measuring depend. on temperature	0,3%/10K for deviation from normal temperature 20°C	
Weight approx.	0,07kg	0,07kg

• 301S - bottom connection



• 301Z - back connection



Diameters in mm							
Type	Nom. size	a	b	D	G	h	H
301S	40	9	24	42	G1/8	36	58
301Z	40	9	24	42	G1/8	-	-