

ALL-STAINLESS STEEL CONTACT PRESSURE GAUGE

diameters 100, 160mm
bottom, back connection



DESCRIPTION:

- stainless steel case 17 240/1.4301
- inspection hole: glass, safety glass
- connection: bottom, back stainless steel 17 348/1.4571
- measurement mechanism: stainless steel 17 348/1.4571

APPLICATION:

- food industry
- petrochemical industry
- pharmaceutical industry
- power engineering

TECHNICAL PARAMETERS:

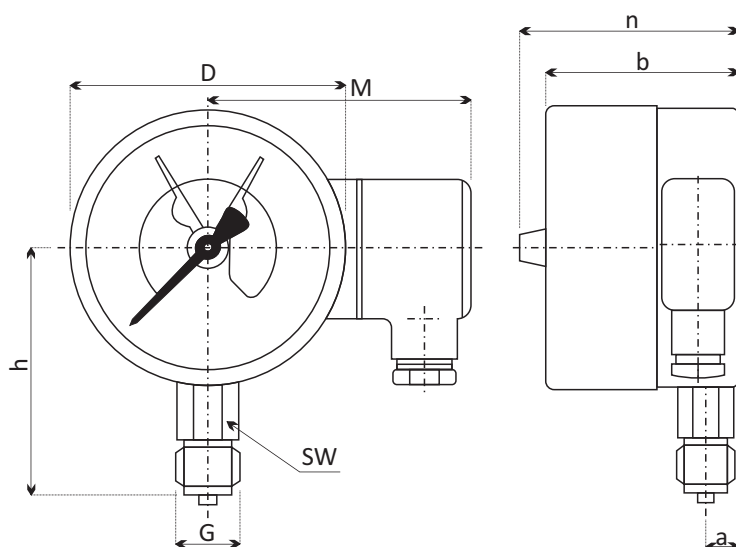
- diameter: 100, 160mm
- measure ranges:
0-60, 100, 160, 250, 400, 600kPa
0-1; 1,6; 2,5; 4; 6; 10; 16; 25; 40; 60; 100; 160MPa
-0,1+2,4; -0,1+1,5; -0,1+0,9MPa,
-100+500, -100+300, -100+150, -100+0kPa
- connection threads: M20x1,5, G1/2
- accuracy class: 1,6%, 1%
- design: pressure gauge, pressure-vacuum indicator,
vacuum indicator
- contact design:
switch-on, switch-off, throw-overinductive

SPECIFICATION:

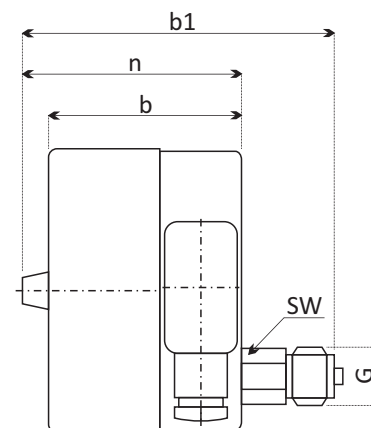
All-stainless steel contact pressure gauges are used in technical practice where it is necessary to work within some limited band of pressure span. Pressure gauges are produced in compliance with EN837-1 standard. Pressure gauges are suitable for measurement of all aggressive mediums, that do not have a corrosive/ destructive effect on stainless steel class 17 348/1.4571. Pressure gauges have a standard equipment of M20x1,5 or G1/2 connection, switch-on/switch-off magnetic contact, may be diversified by throw-over or inductive contact design. Possible choice of glycerine or silicone damping.

Code	312CHK	322CHK	470CH	396CH	379CHK	393CHK
Diameter	100mm		160mm		100mm	160mm
Design (connection)	bottom	back	bottom	back	bottom	back
Accuracy class	1%				1,6%	
Measuring range	from 0-60kPa...0-160MPa, vacuum and pressure					
Highest accuracy	constant pressure - 3/4 from all range ,fluctuating pressure - 2/3from all ranges					
Case	stainless steel 17 240/1.4301					
Ring	stainless steel 17 240/1.4301 - bayonet					
Inspection hole	glass					
Dial	white Al sheet with black print according to DIN 16 109					
Needle	black sprayed Al sheet					
Measure mechanism	stainless steel 17 348/1.4571					
Connection	stainless steel 17 348/1.4571					
Contact combination	magnetic suitable for high pressures non-magnetic suitable for low pressures					
Contact design	single 1x minimum or maximum contact double design MIN/MIN, MIN/MAX, MAX/MAX					
Measuring depend. on temperature	0,3%/10K for deviations from normal temperature 20°C					
Weight approx.	0,9kg	0,9kg	2,25kg	2,25kg	2,2kg	3,1kg

• bottom connection

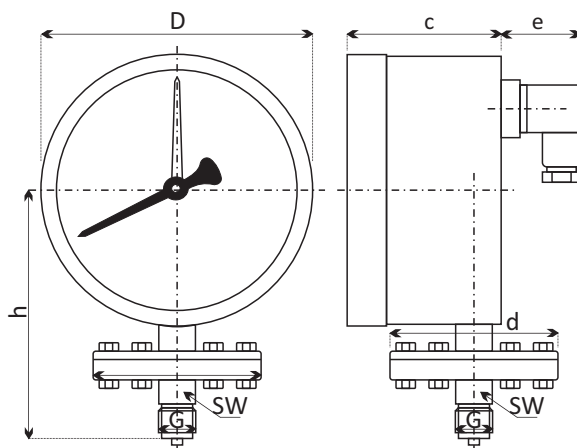


• back connection



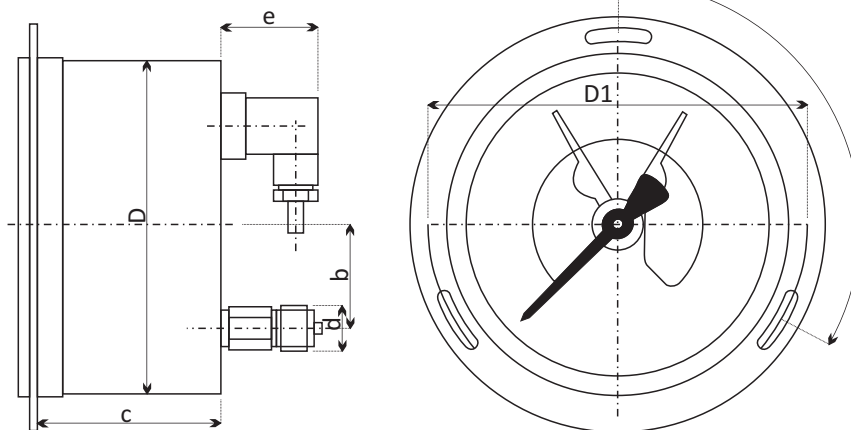
Dimensions in mm										
Type	Nom. size	a	b	b1	D	G	h	M	n	SW
312CHK	100	15	78	-	100	G1/2	88	88	88	22
322CHK	100	-	78	113	100	G1/2	-	88	88	22
470CH	160	15	97	-	160	G1/2	118	118	107	22

• 379CHK/393CH



Dimensions in mm						
Type	nom. size	D	d	c	h	G
379CHK	100	100	100	102	135	G1/2 (M20x1,5)
393CH	160	160	100	91	149	G1/2 (M20x1,5)

• 396CH



Dimensions in mm										
Type	Nom.size	D	D1	D2	d	a	b	c	e	Z
396CH	160	161	194	170	7	95	47	139	48	M20x1,5 (G1/2)

