All Stainless Steel Capsule Pressure Gauges (Dry / Glycerine Filled)

Applications

- For pressure measurement applications of corrosive gaseous and liquids
- Low pressure measurement applications
- Power plants
- Process industry
- Chemical-Petrochemical industry
- Food and medical industry

Sample Picture



General Features

- Production according to EN 837-3 standard
- All stainless steel material
- Filled versions for the process with vibration
- Production from 0 … 10 mbar to 0 … 600 mbar

Standard Technical Features

Nominal size
100 mm, 160 mm

Design
EN 837 - 3

Ingress protection
IP65

Accuracy class
Cl. 1.6

Scale ranges
0 … 10 mbar to 0 … 600 mbar
-10 … 0 mbar to –600 … 0 mbar

Pressure limitation
Steady : 3/4 of full scale
Short time : 1.25 x Full scale

Ambient temperature
C300 (Dry version) : -20 … +60 °C
C300G (Filled version) : -20 … +60 °C

Media temperature
C300 (Dry version) : +100 °C maximum
C300G (Filled version) : +100 °C maximum

Case
304 stainless steel

Bezel ring
304 stainless steel (Bayonet type)

Pointer
Black painted Aluminium DIN pointer

Dial
Aluminium with white background

Temperature effect
±0,06 x (t2 - t1) %full scale (must be added error limit)
t2 : media temperature t1 : +20 °C reference temperature

Standard Technical Features

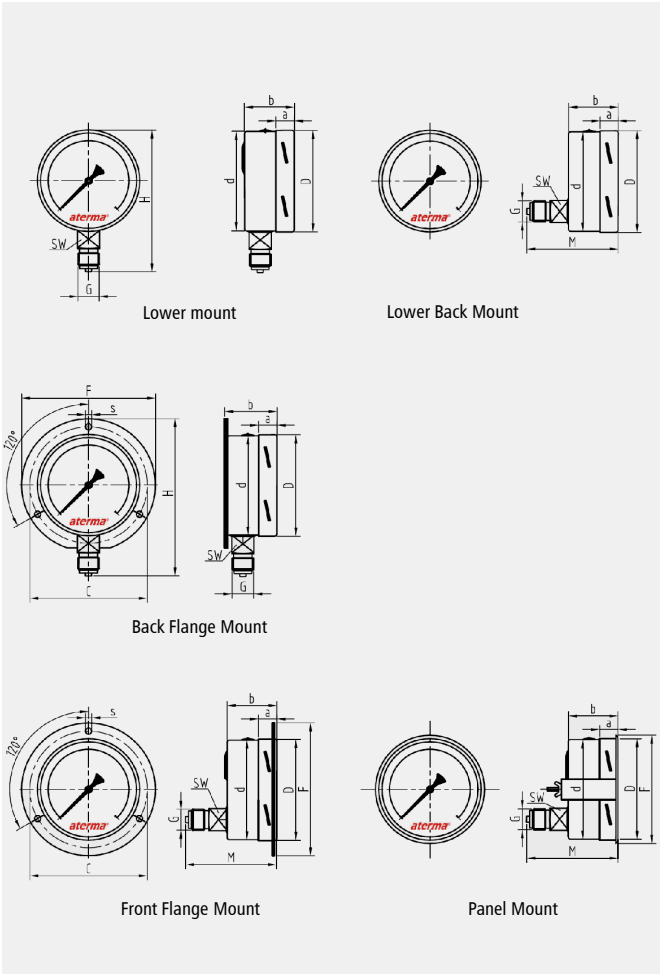
Window
Safety glass

Movement
304 stainless steel

Capsule diaphragm
Material : 316L stainless steel

Process connection
Material : 316L stainless steel
100 mm : G 1/2 B (22 mm)
160 mm : G 1/2 B (22 mm)

Options
- Other process connections (1/2 NPT etc.)
- Other scale ranges
- Calibration certificate
- Special customer dial design



Dimensions (mm)												Weights (kg)	
Connection position	a	b	s	D	d	H	M	C	F	G	SW	C300	C300G
100 mm Lower Mount	18,00	49,00	-	101,00	99,00	139,00	-	-	-	G 1/2 B	22	0,55	0,80
160 mm Lower Mount	18,00	49,00	-	161,50	159,00	198,50	-	-	-	G 1/2 B	22	1,10	1,75
100 mm Lower Back Mount	18,00	49,00	-	101,00	99,00	-	93,00	-		G 1/2 B	22	0,55	0,80
160 mm Lower Back Mount	18,00	49,00	-	161,50	159,00	-	99,00	-	-	G 1/2 B	22	1,10	1,75
100 mm Back Flange Mount	18,00	54,00	5,30	101,00	99,00	156,00	-	116,00	132,00	G 1/2 B	22	0,65	0,90
160 mm Back Flange Mount	18,00	54,00	6,15	161,50	159,00	217,50	-	178,00	196,00	G 1/2 B	22	1,30	1,95
100 mm Front Flange Mount	21,50	51,50	6,15	101,00	99,00	-	96,50	116,00	130,00	G 1/2 B	22	0,65	0,90
160 mm Front Flange Mount	21,50	51,50	6,15	164,00	159,00	-	102,50	178,00	196,80	G 1/2 B	22	1,20	1,85
100 mm Panel Mount	21,50	51,50	-	101,00	99,00	-	96,50	-	107,50	G 1/2 B	22	0,80	1,05
160 mm Panel Mount	21,50	51,50	-	164,00	159,00	-	102,50	-	168,00	G 1/2 B	22	1,30	1,90

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