

FEATURES

- Accuracy Class 1.6, *Class 1.0
- Wide range vibration application
- Stainless steel case design
- Knock-down system back and front flange
- Bayonet lock case design
- Over pressure up to 30% of Full Scale
- Restrictor screw standard
- Excellent vibration resist with liquid filling
- Design scale ranges up to 1000 bar

DESIGN MATERIAL

Casing and Bezel Ring

- Stainless steel 304

Sensing Element

- Copper alloy

Connection

- Brass

Window

- Plain instrument glass

Window gasket

- Industrial rubber seal

Pointer

- Black painted aluminium

Dial Plate

- Aluminium alloy

TECHNICAL SPECIFICATION

Nominal Size

- 40, 60 100 and 150 mm.

Accuracy Class

- Class 1.6, Class 1.0 ($\varnothing > 100\text{mm.}$)

Ingress Protection

- IP65 (Weather tight)

Connection Size

- G 1/4, G 1/2 or NPT

Scale Range

- Pressure 0..1000 bar
- Vacuum -1 bar.. 0
- Compound -1..24 bar

Filling

- Dry or liquid filled

Tube Element Shape

- $P \leq 100$ bar in C tube
- $P > 100$ bar in helicoil

Operating Temperature

- Ambient temperature $-10^{\circ}\text{C}...+70^{\circ}\text{C}$
- Medium temperature 90°C Max.

Temperature Error

- Additional error when pressure element temperature deviates from reference temperature $+20^{\circ}\text{C}$ ($+68^{\circ}\text{F}$) be $\pm 0.4\%$ / 10°C (50°F) rising or falling

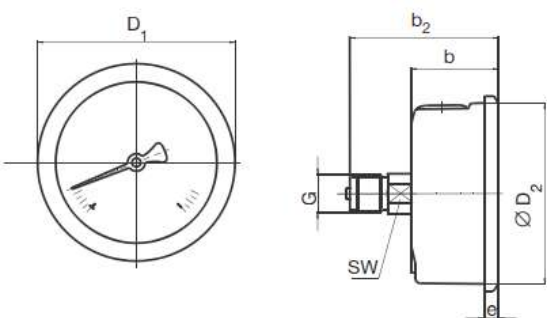
Over Pressure Limit

- 130% of F.S. $P < 100$ bar
- 115% of F.S. $P > 100$ bar

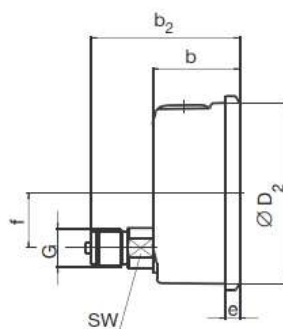
Dial Graduation

- Black graduation on white for single range.
- Black and red graduation on white for dual ranges.

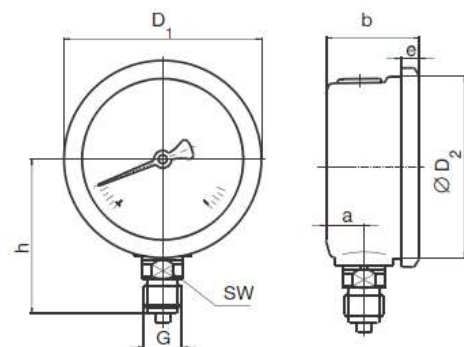
Centre back mount



Lower back mount



Lower mount



NS	h	a	b	b ₂	D ₁	D ₂	G
40	38	5	25	-	46	40	G1/8 or NPT
60	55	10	31	58	67	62	G1/4 or NPT
100	83	15	49	86	101	99	G1/2 or NPT
150	117	18	59	126	150	146	G1/2 or NPT

Dial Size	
40	1½" or 40 mm.
60	2½" or 63 mm.
100	4" or 100 mm.
150	6" or 150 mm.

MOUNTING	
D	Bottom/ Direct connection
B	Lower back connection
W	Bottom conn., black flange/Wall
S	Back conn., black flange
P	Back conn., front flange/Panel
U	Back connection with U-clamp

CONNECTION	
G4	G 1/4"
N4	1/4" NPT
G2	G 1/2"
N2	1/2" NPT
G8	G 1/8"
N8	1/8" NPT

OPTION	
CD	Custom dial layout
SU	Accuracy Class 1.0 (4" or above)
SS	Stainless steel 316 case and bezel
MP	Micrometer adjustment pointer
BB	Blow out back case
SG	Laminated safety glass
O2	Oxygen service cleaning
OC	Other connection thread

FILLING	
D	Dry
G	Glycerine filled
S	Silicone oil filled

Dual ranges			Single range		
Bar	&	Psi	Bar or	Psi	kPa
-1.. 0		30"Hg..	1.. 0	-30"Hg.. 0	-100.. 0
-1.. 0.6		-30"Hg..	-1.. 0.6	-30"Hg.. 10	-100.. 60
-1.. 1.5		-30"Hg..	-1.. 1.5	-30"Hg.. 15	-100.. 150
-1.. 3		-30"Hg..	-1.. 3	-30"Hg.. 30	-100.. 300
-1.. 5		-30"Hg..	-1.. 5	-30"Hg.. 60	-100.. 500
-1.. 9		-30"Hg..	-1.. 9	-30"Hg.. 150	-100.. 900
-1.. 15		-30"Hg..	-1.. 15	-30"Hg.. 200	-100.. 1500
-1.. 24		-30"Hg..	-1.. 24	-30"Hg.. 300	-100.. 2400
0.. 1		0.. 15	0.. 1	0.. 15	0.. 100
0.. 1.6		0.. 23	0.. 1.6	0.. 20	0.. 160
0.. 2.5		0.. 35	0.. 2.5	0.. 30	0.. 250
0.. 4		0.. 60	0.. 4	0.. 60	0.. 400
0.. 6		0.. 85	0.. 6		0.. 600
0.. 7		0.. 100	0.. 7	0.. 100	0.. 700
0.. 10		0.. 150	0.. 10	0.. 150	0.. 1000
0.. 16		0.. 230	0.. 16	0.. 200	0.. 1600
0.. 25		0.. 350	0.. 25	0.. 300	0.. 2500
0.. 40		0.. 600	0.. 40	0.. 600	0.. 4000
0.. 60		0.. 850	0.. 60		0.. 6000
0.. 70		0.. 1000	0.. 70	0.. 1000	0.. 7000
0.. 100		0.. 1500	0.. 100	0.. 1500	0.. 10000
0.. 160		0.. 2300	0.. 160	0.. 2000	0.. 16000
0.. 250		0.. 3500	0.. 250	0.. 3000	0.. 25000
0.. 400		0.. 6000	0.. 400	0.. 6000	0.. 40000
0.. 600		0.. 8500	0.. 600		0.. 60000
0.. 700		0.. 10000	0.. 700	0.. 10000	0.. 70000
0.. 1000		0.. 15000	0.. 1000	0.. 15000	0.. 100000