

Pressure gauge in stainless steel with bayonet closing

Suitable for all gaseous and liquid media that will not obstruct the pressure system or attack copper alloy parts.
Especially designed for difficult conditions of use, as there are vibrations or quick

Application:

- **Ship supplies**
- **Irrigation systems**
- **Air conditioning**
- **Food industry**
- **Pneumatics**
- **Hydraulics**

STANDARD PARAMETERS

Closing: Bayonet

Mounting: See attached diagram **A** , **B**, **C** or **D**

Threaded connection: **Ø63**: ¼"BSP; **Ø100-Ø150**: ½"BSP; Or NPT

IP protection: IP65

Accuracy: **Ø63**: Class 1.6; **Ø100-Ø150**: Class 1.0

Pressure limits:

- Static: Full scale
- Oscillating: 0.9 end of scale
- Maximum: 1.3 end of scale for a short period of time

Temperature limits:

- Environment: -20+50°C (Glycerine) / -20+80°C (dry)
- Fluid: Brass connection: 80°C / Steel connection: 100°C (Glycerine), 200°C (dry)

Range: **-1...0...1000** Bar

Scale: **Bar/Psi, Bar** or **cmHg**

Antivibration fluid: **Glycerine 99.8%** or **dry**

Pointer: Micrometric adjustment

Sensor element: Bourdon tube (<60 Bar: "C" form; >60 Bar: helical)

Pressure relief system: Blow-out disc

Overtemperature relief system: Upper plug

MATERIALS

Case: AISI 304 Stainless steel

Bourdon tube and moving parts: **Copper Alloy** or **AISI 316 Stainless steel**

Threaded connection: **Brass** or **AISI 316 Stainless steel**

Display: Safety glass

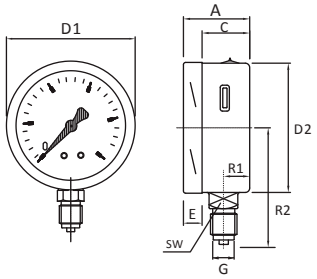
Dial: White laquered aluminum

Pointer: Black laquered aluminum

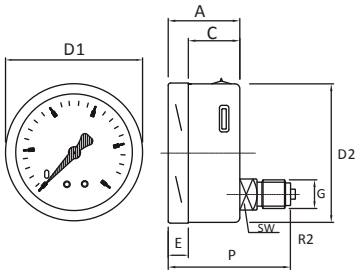
Welding: P<250 Bar: Cu-Sn; P>250 Bar: Cu-Ag / TIG Welding

Blow-out disc and overtemperature relief plug: Neoprene

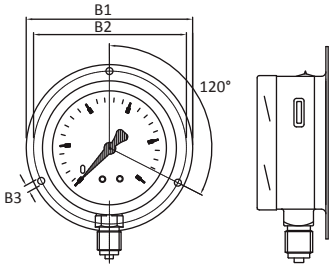
A Bottom



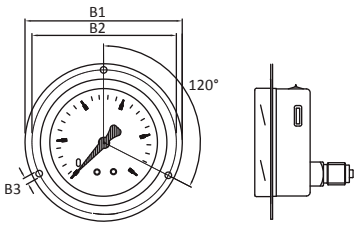
B Back



C Bottom with back flange



D Back with frontal flange



DIMENSIONS (mm)															WEIGHT (g)	
DN	Mounting	R1	A	C	D1	E	D2	G	R2	SW	P	B1	B2	B3	Without Glycerine	With Glycerine
Ø63	A/C	10	34	22	64	12	62	¼ BSP	55	14	-	86	80	3,5	158	230
Ø63	B/D	-	34	22	64	12	62	¼ BSP	-	14	56	86	80	3,5	157	228
Ø100	A/C	16	49	32	101	17	99	½" BSP	83	22	-	132	124	5	533	867
Ø100	B/D	-	49	32	101	17	99	½" BSP	-	22	86	132	124	5	550	890
Ø150	A/C	16	50	32	149	18	146	½" BSP	113	22	-	192	184	5	950	1712
Ø150	B/D	-	50	32	149	18	146	½" BSP	-	22	87	192	184	5	824	1750