



Pressure gauge in stainless steel with sealed ring

Especially designed for difficult operating conditions like vibrations or rapid pressure changes. Suitable for use in systems with low viscosity that do not attack copper alloys such as cooling systems.

Application:

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

STANDARD PARAMETERS

Closing: Sealed ring

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

Threaded connection: **Ø63**: ¼"BSP; **Ø80**: ⅜"BSP; **Ø100**: ½"BSP; Or NPT

IP protection: IP65

Accuracy: Class 1.6

Pressure limits:

- Static: ¾ end of scale
- Oscillating: ⅔ end of scale
- Maximum: Full scale for a short period of time

Temperature limits:

- Environment: -20+50°C
- Fluid: Brass connection: 80°C / Steel connection: 100°C

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

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

Antivibration fluid: Glycerine 99.8%

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

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: Polycarbonate

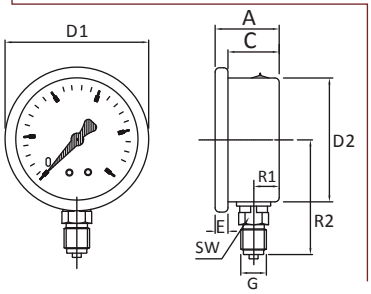
Dial: White laquered aluminum

Pointer: Black laquered aluminum

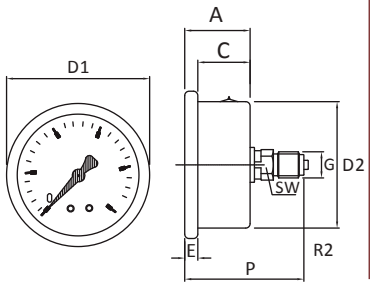
Welding: **P**<250 Bar: Cu-Sn; P>250 Bar: Cu-Ag / TIG Welding

Overtemperature relief plug: Neoprene

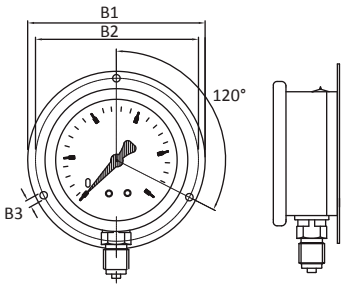
A Bottom



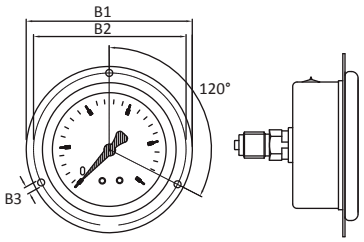
B Back



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	
Ø63	A/C	10	29	23	68	6	61	¼ BSP	56	14	-	86	80	3,5	188
Ø63	B/D	-	29	23	68	7	61	¼ BSP	-	14	58	86	80	3,5	184
Ø80	A/C	10	30	22	88	8	80	⅜ BSP	60	17	-	112	104	5	335
Ø80	B/D	-	30	22	88	8	80	⅜ BSP	-	17	61	112	104	5	299
Ø100	A/C	16	37	29	109	8	99	½" BSP	83	21	-	132	124	5	550
Ø100	B/D	-	37	29	109	8	99	½" BSP	-	21	77	132	124	5	547