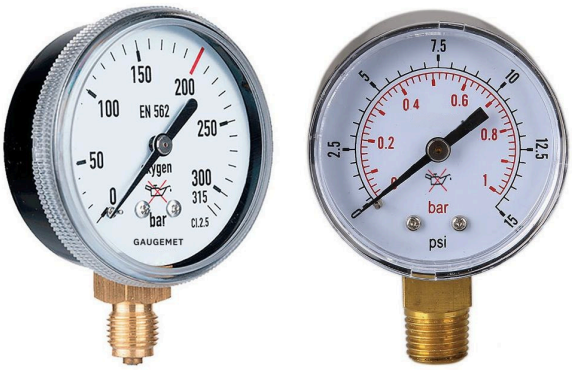


Pressure gauge for welding

Bourdon type pressure gauges completely ungreased for O_2 and acetylene.
Working temperature is -40+60°C.
Designed for system where fluid temperature does not exceed 60°C

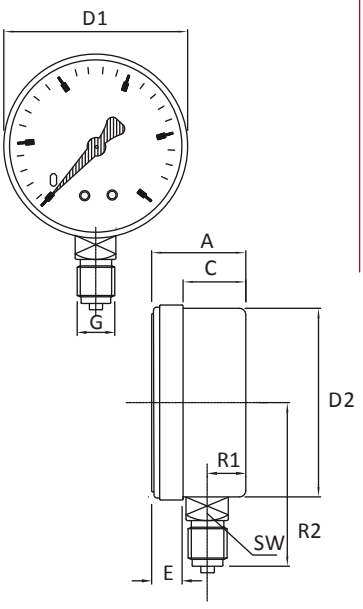
Application:

- **Welding**
- **Oxygen**
- **Acetylene**

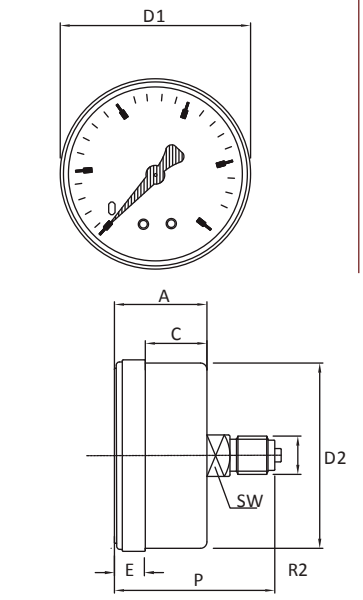
STANDARD PARAMETERS
Closing: Threaded display
Mounting: See attached diagrams **A** or **B**
Threaded connection: **Ø50**: ¼"BSP ; **Ø63**: ¼"BSP; Or NPT
IP protection: IP44
Accuracy: Class 2.5
Pressure limits:
Static: ¾ end of scale
Oscillating: ⅔ end of scale
Maximum: Full scale for a short period of time
Temperature limits:
Environment: -40+60°C
Fluid: 60°C
Range: **0+2.5**; **0+16**; **0+40**; **0+315** Bar
Scale: Bar
Sensor element: Bourdon tube(<60 Bar: Type "C"; >60 Bar: helical)

MATERIALS
Case: Black laquered steel
Bourdon tube and moving parts: Copper Alloy
Threaded connection: Brass
Display and ring: Acrylic. Display and ring are a single piece threadable to the case
Dial: White laquered aluminum
Pointer: Black laquered aluminum
Welding: P<250 Bar: Cu-Sn; P>250 Bar: Cu-Ag

A Bottom



B Back



DIMENSIONS (mm)												WEIGHT (g)
DN	**Mounting**	**R1**	**A**	**C**	**D1**	**E**	**D2**	**G**	**R2**	**SW**	**P**	
Ø50	A	10	28	17	57	12	52	¼ BSP	46	14	-	93
Ø50	B	-	28	17	66	12	52	¼ BSP	-	14	46	98
Ø63	A	10	29	17	57	12	61	¼ BSP	53	14	-	118
Ø63	B	-	29	17	66	12	61	¼ BSP	-	14	46	125