

Pressure gauge with case in carbon steel

Designed to monitor pressure in systems not subjected to vibrations. Suitable for all gaseous and liquid media that will not obstruct the pressure system or attack copper alloy parts.
Especially designed for pneumatic and hydraulic circuits.

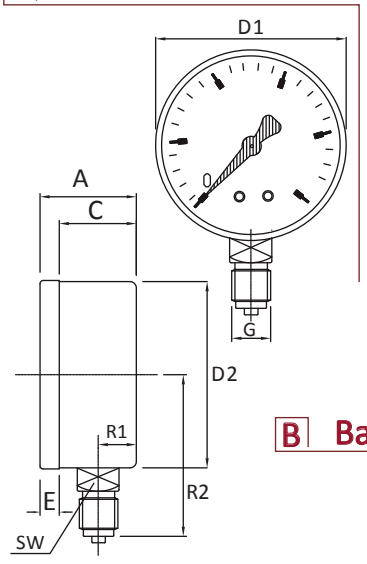
Application:

- Compressed air
- Compressor
- Air conditioning
- Hydraulics
- Pneumatics

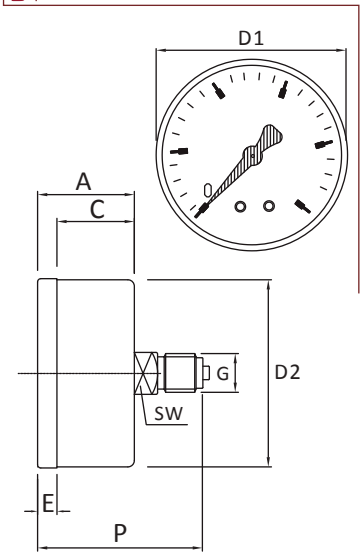
STANDARD PARAMETERS
Closing: Adjusted
Mounting: See attached diagram **A** or **B**
Threaded connection: **Ø63**: ¼"BSP; **Ø75**: ⅜"BSP; **Ø100**: ½"BSP; Or NPT
IP protection: IP54
Accuracy: **Ø63-Ø75**: Class 2.5 / **Ø100**: Class 1.6
Pressure limits:
Static: ¾ end of scale
Oscillating: ⅔ end of scale
Maximum: Full scale for a short period of time
Temperature limits:
Environment: -40+80°C
Fluid: 80°C
Range: **-1...0...600** Bar
Scale: Bar/Psi
Sensor element: Bourdon tube (<60 Bar: "C" form; >60 Bar: helical)

MATERIALS
Case: Carbon steel painted in black
Bourdon tube and moving parts: Copper Alloy
Threaded connection: Brass
Display: Glass
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	
Ø63	A	10	28	17	40	10	62	¼"BSP	51	14	-	110
Ø63	B	-	28	17	40	10	62	¼"BSP	-	14	46	122
Ø75	A	10	30	19	53	11	74	⅜" BSP	60	17	-	165
Ø75	B	-	30	19	53	11	74	⅜" BSP	-	17	55	170
Ø100	A	16	45	23	63	22	98	½"BSP	83	17	-	383
Ø100	B	-	45	23	63	22	98	½"BSP	-	17	75	405