

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.

Manufactured according to **EN 837-1** standards.

STANDARD PARAMETERS

Design: **EN 837-1**

Closing: Adjusted

Mounting: See attached diagram **A** or **B**

Threaded connection: **Ø63**: ¼" BSP; **Ø75**: ⅜" BSP; **Ø100**: ½" BSP (**UNE-EN 10226-1**)

IP protection: IP54 (**EN 60529 / IEC 529**)

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

Subdivision: According to standard **EN 837-1**

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

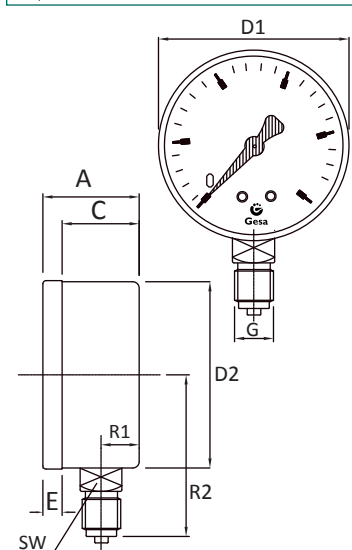
Welding: P<250 Bar: Cu-Sn; P>250 Bar: Cu-Ag



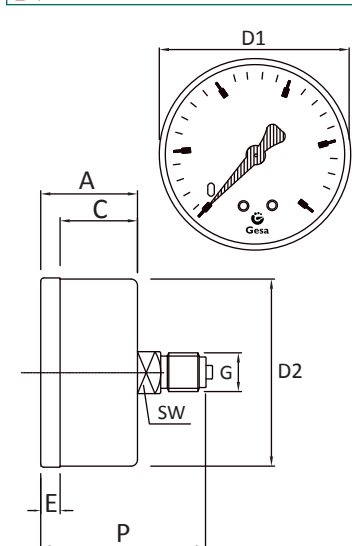
Application:

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

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

How to order

1. Case diameter

Ø63 Ø75 Ø100

2. Pressure range (Bar)

-1+0 -1+1.5 -1+5 -1+12 -1+24 0+1 0+2.5 0+6 0+16 0+40 0+100 0+250 0+400 0+1000
-1+0.5 -1+3 -1+9 -1+15 0+0.6 0+1.6 0+4 0+10 0+25 0+60 0+160 0+315 0+600

3. Pressure scale

Bar/Psi

4. Mounting

A **B**

5. Threaded connection

¼" BSP ½" BSP ¾" BSP
¼" BSPT ½" BSPT ¾" BSPT

6. Connection material

Brass

7. Calibration certificate traceable to ENAC

7 points certificate
Without certificate

M0201 -

1	2	3	4	5	6	7

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Order it online!