

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 C

Threaded connection: $\varnothing 63$: 1/4" BSP; $\varnothing 75$: 3/8" BSP; $\varnothing 100$: 1/2" BSP (UNE-EN ISO 228-1)

IP protection: IP54 (EN 60529 / IEC 529)

Accuracy: $\varnothing 63$ - $\varnothing 75$: Class 2.5 / $\varnothing 100$: Class 1.6

Pressure limits:

$P \leq 10$ bar: 125%

$10 < P \leq 160$ bar: 110%

$P > 160$ bar: 105%

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

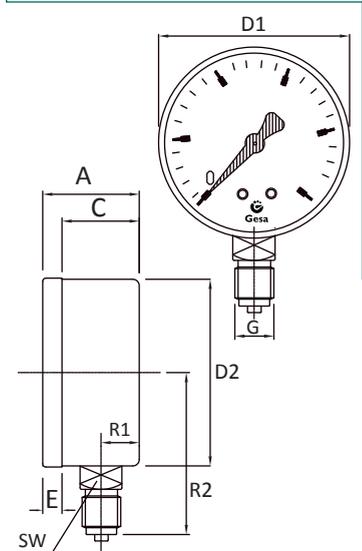
Welding: P<250 Bar: Cu-Sn; P>250 Bar: Cu-Ag



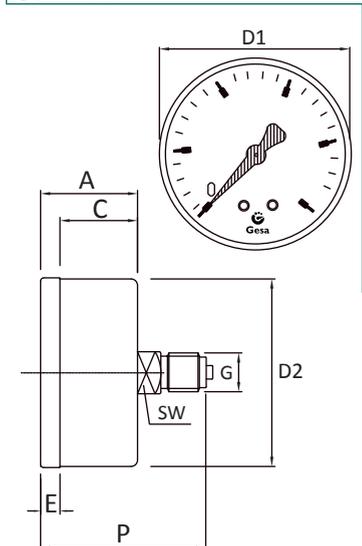
Application:

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

A Bottom



C Back



DIMENSIONS (mm)

WEIGHT(g)

DN	Mounting	R1	A	C	D1	E	D2	G	R2	SW	P	
$\varnothing 63$	A	10	28	17	40	10	62	1/4" BSP	51	14	-	110
$\varnothing 63$	C	-	28	17	40	10	62	1/4" BSP	-	14	46	122
$\varnothing 75$	A	10	30	19	53	11	74	3/8" BSP	60	17	-	165
$\varnothing 75$	C	-	30	19	53	11	74	3/8" BSP	-	17	55	170
$\varnothing 100$	A	16	45	23	63	22	98	1/2" BSP	83	17	-	383
$\varnothing 100$	C	-	45	23	63	22	98	1/2" BSP	-	17	75	405

How to order

1. Case diameter

$\varnothing 63$ $\varnothing 75$ $\varnothing 100$

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 C

5. Threaded connection

1/4" BSP 1/2" BSP 3/8" BSP
 1/4" BSPT 1/2" BSPT 3/8" 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!