

## Pressure gauge for refrigeration systems with case in stainless steel



Suitable for all gaseous and liquid media that will not obstruct the pressure system or attack copper alloy parts.  
Especially designed for difficult conditions of use, as there are vibrations or quick changes of pressure.  
Also useful for adverse ambients. Manufactured according to EN 837-1 standards.



### STANDARD PARAMETERS

Design: EN 837-1
Closing: Sealed ring
Mounting: See attached diagrams A, B, C or D
Threaded connection: $\varnothing 63$ : 1/4" BSP; $\varnothing 100$ : 1/2" BSP (UNE-EN ISO 228-1)
IP protection: IP65 (EN 60529 / IEC 529)
Accuracy: Class 1.6
Pressure limits:
$P \leq 10$ bar: 125%
$10 < P \leq 160$ bar: 110%
$P > 160$ bar: 105%
Temperature limits:
Environment: -20+50°C
Fluid: 80°C
Range: -1+12 or -1+24 Bar
Scale: Bar/R22/R134a/R404a/R507
Subdivision: According to standard EN 837-1
Antivibration fluid: Glycerine 99.8%
Sensor element: Bourdon tube ("C" form)
Overtemperature relief system: Upper plug

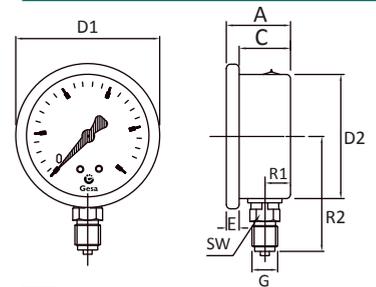
### MATERIALS

Case and ring: AISI 304 Stainless steel
Bourdon tube and moving parts: Cu Alloy
Threaded connection: Brass
Display: Polycarbonate Thickness: $\varnothing 63$ : 2.8mm   $\varnothing 80$ : 3mm   $\varnothing 100$ : 3.5mm
Dial: White laquered aluminum
Pointer: Black laquered aluminum
Welding: Cu-Sn
Overtemperature relief plug: Neoprene

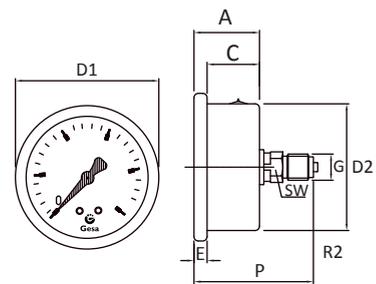
### Application

- Refrigeratio
- Air condition
- Food industry

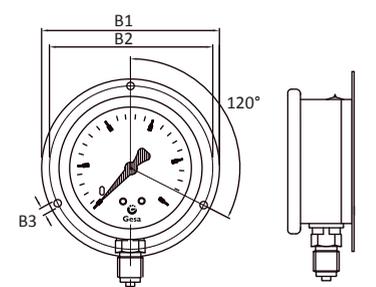
### A Bottom



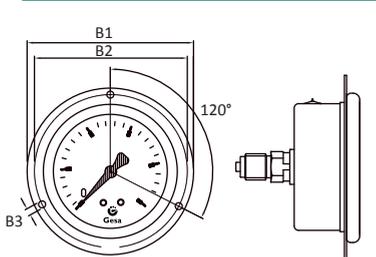
### C Back



### B 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	WEIGHT (g)
$\varnothing 63$	A/D	10	29	23	68	6	61	1/4" BSP	56	14	-	86	80	3,5	180
$\varnothing 63$	C/D	-	29	23	68	6	61	1/4" BSP	56	14	58	86	80	3,5	180
$\varnothing 100$	A/B	12	37	29	109	8	99	1/2" BSP	87	21	-	132	124	5	607
$\varnothing 100$	C/D	-	37	29	109	8	99	1/2" BSP	87	21	77	132	124	5	607

### How to order

#### 1. Case diameter

$\varnothing 63$   $\varnothing 100$

#### 2. Pressure range (Bar)

-1+12 -1+24

#### 3. Pressure scale

Bar/R22/R134a/R404a/R507

#### 4. Mountin

A B C D

#### 5. Threaded connectio

1/4" BSP 1/4" SAE 1/2" BSP

#### 6. Connection materia

Brass

#### 7. Antivibration flu

Glycerine 99.8%

#### 8. Calibration certificate traceable to EN

7 point certificate  
Without certificate

M0501 - 

1	2	3	4	5	6	7	8
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