

Designed for refrigeration systems. Suitable for all liquid media that will not attack copper alloy parts.

Useful for systems where the gauge is not subjected to vibrations.

Manufactured according to EN 837-1 standards.



STANDARD PARAMETERS

Design: EN 837-1
Closing: Threaded Display
Mounting: Direct: free standing on the bottom connection
Threaded connection: $\varnothing 63$: 1/2" BSPT (UNE-EN 10226-1) $\varnothing 100$: 1/2" BSP (UNE-EN ISO 228-1)
IP protection: IP43 (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: -40+80°C
Fluid: 80°C
Range: -1+12 or -1+24 Bar
Scale: Bar/R22/R404a/R507
Subdivision: According to standard EN 837-1
Sensor element: Bourdon tube ("C" form)

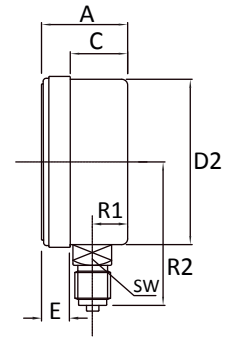
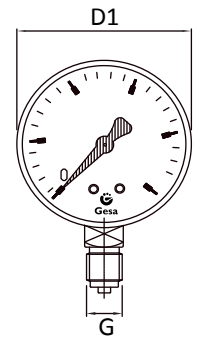
Application:

- Refrigeration
- Air conditioning
- Food industry

MATERIALS

Case: Carbon steel blue (-1+12 bar) or red (-1+24 bar)
Bourdon tube and moving parts: Cu 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: Cu-Sn

A Bottom



DIMENSIONS (mm)

WEIGHT (g)

DN	Mounting	R1	A	C	D1	E	D2	G	R2	SW	WEIGHT (g)
$\varnothing 63$	A	11	30	19	72	11	68	1/2 BSPT	55	14	121
$\varnothing 100$	A	11	37	25	103	12	99	1/2 BSPT	80	14	241

How to order

1. Case diameter

$\varnothing 63$ $\varnothing 100$

2. Pressure range (Bar)

-1+12 -1+24

3. Pressure scale

Bar/R22/R404a/R507

4. Mounting

A

5. Threaded connection

1/2" BSP 7/16" SAE

6. Connection material

Brass

7. Calibration certificate traceable to ENAC

7 point certificate
Without certificate

M0502 -

1	2	3	4	5	6	7
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