

M 05 03

All stainless steel pressure gauge for refrigeration systems



Suitable for all gaseous and liquid media that will not obstruct the pressure system or attack copper alloy parts.

Especially designed for heavy duty conditions like vibrations or quick pressure changes. Manufactured according to **EN 837-1** standards.



STANDARD PARAMETERS

Design: **EN 837-1**

Closing: Bayonet

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

Threaded connection: $\frac{1}{2}$ "BSP or $\frac{1}{4}$ "SAE (**UNE-EN 10226-1**)

IP protection: IP65 (**EN 60529** / **IEC 529**)

Accuracy: Class 1.0

Pressure limits:

Static: $\frac{1}{4}$ end of scale

Oscillating: $\frac{1}{2}$ end of scale

Maximum: Full scale for a short period of time

Temperature limits:

Environment: -40+80°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% or dry**

Sensor element: Bourdon tube ("C" form)

Overtemperature relief system: Upper plug

MATERIALS

Case: AISI 304 Stainless steel

Bourdon tube and moving parts: AISI 316 Stainless steel

Threaded connection: AISI 316 Stainless steel

Display: Safety glass

Dial: White laquered aluminum

Pointer: Black laquered aluminum

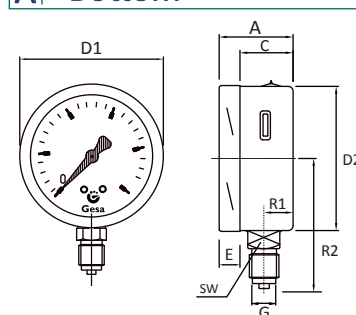
Welding: TIG welding

Overtemperature relief plug: Neoprene

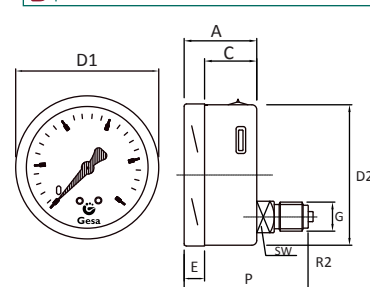
Application:

- Refrigeration
- Air conditioning
- Food industry

A Bottom



B Back



DIMENSIONS (mm)

WEIGHT (g)

DN	Mounting	R1	A	C	D1	E	D2	G	R2	SW	
Ø100	A	16	49	32	101	17	99	$\frac{1}{2}$ " BSP	83	22	575
Ø100	B	-	49	32	101	17	99	$\frac{1}{2}$ " BSP	83	22	536

How to order

1.Case diameter

Ø100

2.Pressure range (Bar)

-1+12

-1+24

3.Pressure scale

Bar/R22/R134a/R404a/R507

4.Mounting

A B

5.Threaded connection

$\frac{1}{2}$ "BSP

$\frac{1}{4}$ "SAE

6.Connection material

Brass
AISI 316 Stainless steel

7.Antivibration fluid

Glycerine 99.8%
Dry

8.Calibration certificate traceable to ENAC

7 point certificate
Without certificate

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1	2	3	4	5	6	7	8

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Order it online!