



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

Manufactured according to EN 837-1 standards.

STANDARD PARAMETERS

- Design: EN 837-1
- Closing: Bayonet
- Mounting: See attached diagrams A or B
- Threaded connection: ½" BSP (y V - - V @ ')
- IP protection: IP65 (EN 60529 / IEC 529)
- Accuracy: Class 1.0
- Pressure limits:
 - Static: Full scale
 - Oscillating: 0.9 end of scale
 - Maximum: 1.3 end of scale for a short period of time
- Temperature limits:
 - Environment: -40+65°C
 - Fluid: 60°C
- Range: -1+9, -1+12, -1+15 o -1+25 Bar
- Scale: Bar/ °C for refrigerant R717 (NH₃)
- Subdivision: According to standard EN 837-1
- Pointer: Micrometric adjustment
- Sensor element: Bourdon tube (<60 Bar: "C" form; >60 Bar: helical)
- Pressure relief system: Blow-out disc
- Overtemperature relief system: Upper plug

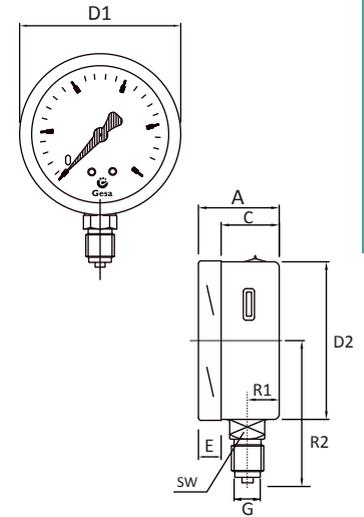
MATERIALS

- 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
- Blow-out disc and overtemperature relief plug: Neoprene

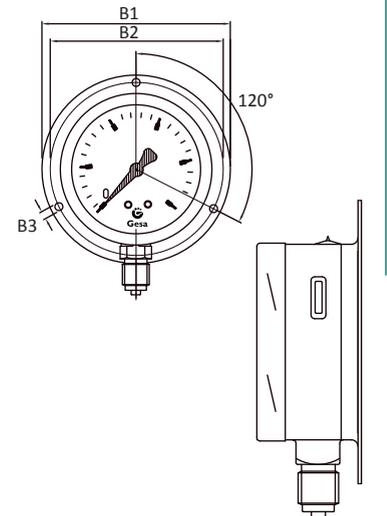
Application:

- Refrigeration
- Air conditioning
- Food industry

A Bottom



B Bottom with back flange



DIMENSIONS (mm)

WEIGHT (g)

DN	Mounting	R1	A	C	D1	E	D2	G	R2	SW	P	B1	B2	B3	WEIGHT (g)
Ø100	A	16	49	32	101	17	99	½" BSP	83	22	-	-	-	-	545
Ø100	B	16	49	32	101	17	99	½" BSP	83	22	86	132	124	5	566

How to order

- | | | | | |
|--------------------------|--|------------------------------|-------------|------------------------|
| 1. Case diameter | 2. Pressure range (Bar) | 3. Pressure scale | 4. Mounting | 5. Threaded connection |
| Ø100 | -1+9
-1+12
-1+25 | Bar/ °C R717 NH ₃ | A B | ½" BSP |
| 6. Connection material | 7. Calibration certificate traceable to ENAC | | | |
| AISI 316 Stainless steel | 7 point certificate
Without certificate | | | |

M0702 -

1	2	3	4	5	6	7

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