

M 02 01

Manómetro con caja de Acero carbono negro



Diseñado para sistemas no sometidos a vibraciones severas. Indicado para medios gaseosos o líquidos que no obstruyan el sistema ni ataquen las piezas de aleación de cobre. Especialmente útil en circuitos neumáticos e hidráulicos. Fabricado según la norma **EN 837-1**



PARÁMETROS ESTÁNDAR

Diseño: **EN 837-1**

Cierre: Aro a presión

Estructura/Montaje: Ver esquemas adjuntos **A** o **C**

Conexión al proceso: **Ø63**: 1/4" BSP; **Ø75**: 3/8" BSP; **Ø100**: 1/2" BSP (**UNE-EN ISO 228-1**)

Grado de protección: IP54 (**EN 60529 / IEC 529**)

Precisión: **Ø63-Ø75**: Clase 2.5 / **Ø100**: Clase 1.6

Límites de presión:

$P \leq 10$ bar: 125%

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

$P > 160$ bar: 105%

Límites de temperatura:

Ambiente: -40+80°C

Fluido: 80°C

Rango: **-1...0...1000** Bar

Escala: Bar/Psi

Subdivisión: De acuerdo con la norma **EN 837-1**

Elemento sensor: Tubo bourdon (<60 bar: Tipo "C"; >60 bar: helicoidal)

MATERIALES

Caja y aro: Acero carbono lacado en color negro

Tubo bourdon y movimientos: Aleación de Cu

Racor de conexión: Latón

Visor: Vidrio

Dial/Carátula: Aluminio lacado con fondo blanco

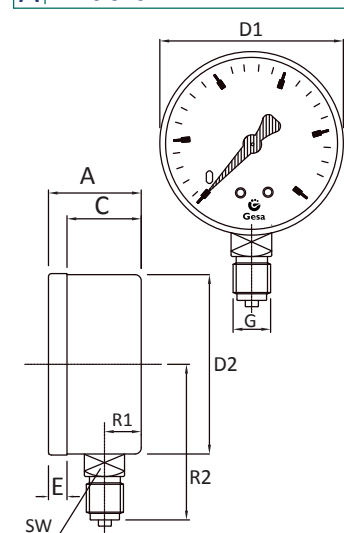
Aguja: Aluminio lacado en color negro

Soldaduras: $P < 250$ bar: Cu-Sn; $P > 250$ bar: Cu-Ag

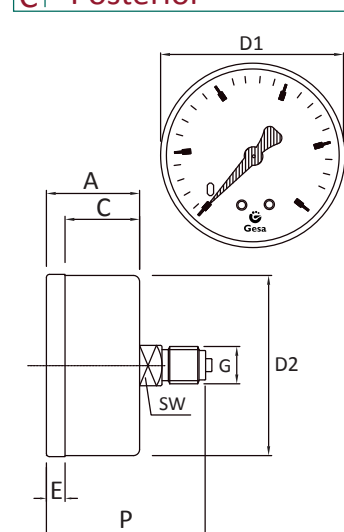
Aplicación:

- Aire comprimido
- Compresores
- Climatización
- Neumática

A Radial



C Posterior



DIMENSIONES (mm)

PESO (g)

DN	Montaje	R1	A	C	D1	E	D2	G	R2	SW	P
Ø63	A	10	28	17	40	10	62	1/4" BSP	51	14	-
Ø63	C	-	28	17	40	10	62	1/4" BSP	-	14	46
Ø75	A	10	30	19	53	11	74	3/8" BSP	60	17	-
Ø75	C	-	30	19	53	11	74	3/8" BSP	-	17	55
Ø100	A	16	45	23	63	22	98	1/2" BSP	83	17	-
Ø100	C	-	45	23	63	22	98	1/2" BSP	-	17	75

Cómo realizar un pedido

1. Diámetro de la caja

Ø63 Ø75 Ø100



-1+0 -1+1.5 -1+5
-1+0.5 -1+3 -1+9

-1+12 -1+24 0+1
-1+15 0+0.6 0+1.6

0+2.5 0+6 0+16
0+4 0+10 0+25

0+40 0+100 0+250 0+400 0+1000
0+60 0+160 0+315 0+600

0+16 0+25 0+60 0+100 0+250 0+400 0+1000
0+60 0+160 0+315 0+600

0+16 0+25 0+60 0+100 0+250 0+400 0+1000
0+60 0+160 0+315 0+600



3. Escala de presión

Bar/Psi



4. Montaje

A

C



5. Conexión al proceso

1/4" BSP

1/4" BSPT

1/2" BSP

1/2" BSPT

3/8" BSP

3/8" BSPT

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