

APPLICATIONS

- Liquid & gaseous mediums
- Corrosive environments
- Oil & Gas applications
- Chemical & Petrochemical
- Food & Beverages
- Clean- air applications

FEATURES

- Compact design
- Stainless steel or Cu alloy measuring system
- Stainless steel case & ring
- Low pressure application (<0.6 bar)
- Zero adjustment on dial



CAPSULE PRESSURE GAUGE, M300

DESCRIPTION

General

Design : EN 837-3

Accuracy : $\pm 1.6\%$ of full scale

Ambient temperature : -40...+65°C

Service temperature : 150°C max. [for SS system]
100°C [for Copper alloy system]

Pressure limits : Steady pressure up to 75% of FS value
No over-pressure

Weld joints : TIG argon arc welding [for SS system]
Silver Alloy bracing [for Copper alloy system]

Material of construction

Sensing element : Capsule

Case & Ring material : AISI 304 SS (Bayonet type)

Capsule & Shank : AISI 316 SS / Copper alloy

Movement mechanism : Copper alloy

Dial : Aluminum, black graduation on white background
with zero adjustment on dial

Pointer : Fixed, aluminum, black powder coated

Gaskets, Blow-off disc & filling plug : Neoprene / NBR

Window : Sheet glass / Shatterproof Safety Glass

Standard version

Dial size : DN63 / DN100 / DN150

Range : 25 mbar...0...600 mbar

Mounting pattern : Direct, Bottom connection

Process connection : 1/4" OR 1/2" NPT (M) / BSP (M)

Ingress protection : IP 65

Execution : Dry

Filled versions

Glycerin

Accuracy : $\pm 4.0\%$ of full scale

Ranges : ≥ 100 mbar

Dampening liquid : Glycerin + Water [20%+80%]

Temperature effect

When temperature of the measuring system deviates from reference temperature (+20°C) :

max error $\pm 0.4\%$ / 10K of true scale value.

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Bimetal Thermometer M 200

