All Stainless Steel Plastic Diaphragm Seal Pressure Gauges

Applications

- Chemical fluids pressure measurement applications
- Plating industry
- Waste water treatment
- Fertiliser industry
- For pressure measurement applications of the fluids with corrosive effect on stainless steel material (not with solid particle fluids)

Sample Picture



General Features

- Production according to EN 837-1 standard
- All stainless steel pressure gauge
- PVC-U or PVDF diaphragm body, PTFE coated membrane
- Resistance to heavy working conditions

Standard Technical Features

Nominal size
63 mm, 100 mm, 160 mm

Design
EN 837 - 1

Ingress protection
IP 65

Accuracy class
Cl. 1.6 : 63 mm
Cl. 1.0 : 100 mm, 160 mm

Scale ranges
PVC-U : 0 … 2,5 bar to 0 … 10 bar
PVDF : 0 … 2,5 bar to 0 … 10 bar

Pressure limitation
Please see to pressure-temperature table

Maximum pressure
PN10 (20 °C for water)

Media temperature
Please see to pressure-temperature table

Case
304 stainless steel

Bezel ring
304 stainless steel (Bayonet type)

Pointer
Black painted Aluminium DIN pointer

Dial
Aluminium with white background

Window
Safety glass

Movement
304 stainless steel

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Standard Technical Features

Diaphragm upper body material
Polypropylene with Fiberglass reinforced (orange color)

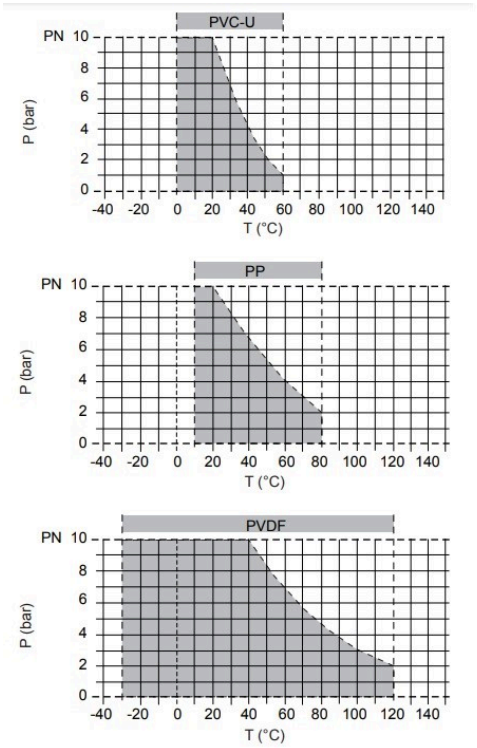
Membrane material
EPDM with PTFE coated on medium side (the medium side is completly coated with PTFE)

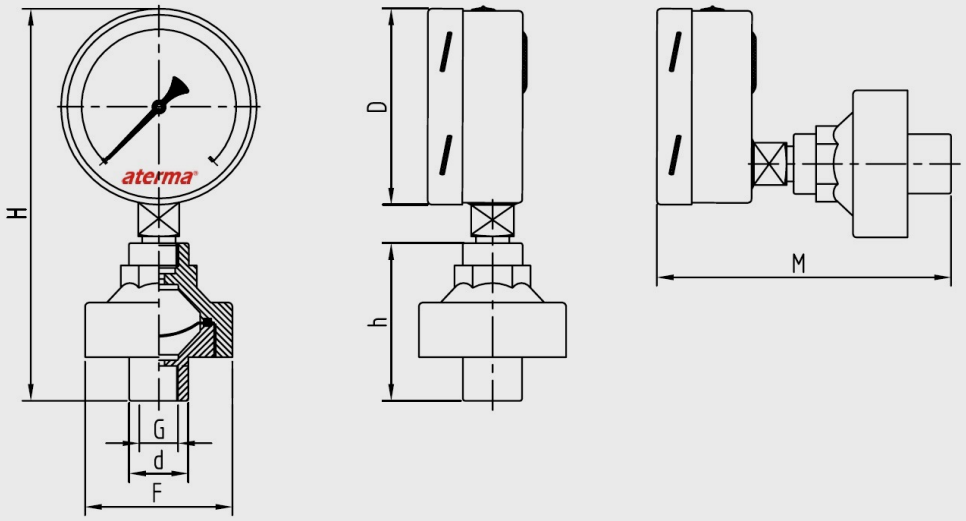
Diaphragm bottom body material
PVC-U (gray color)
PP (cream color)
PVDF (white color)

Process connection
G 1/2 B (female)

Options
- Other scale ranges (kg/cm², psi, MPa etc.)
- With capilary tube versions
- Calibration certificate
- Special customer dial design
- Other mounting types

Pressure - Temperature Table





Dimensions (mm)	D : 63 mm (1)		D : 100 mm		D : 160 mm						Weights (2) (kg)	
Model	H	M	H	M	H	M	h	d	F	G	A300	A300G
PVC - U	174,40	151,00	201,40	159,00	264,00	165,00	86,00	32,00	80,00	G 1/2 B (female)	1,15	1,40
PVDF	174,40	151,00	201,40	159,00	264,00	165,00	86,00	32,00	80,00	G 1/2 B (female)	1,30	1,55

(1) : The mounting type of 63 mm Back mount pressure gauges are center back mount.

(2) : The weights are for 100 mm nominal size pressure gauges.

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