



Model: 736GP

INDUSTRIAL FULL SAFETY PATTERN GAUGE

The Classic range of Pressure Gauges has been designed to meet the high demands of the process industry.

From harsh corrosive chemical applications to general engineering uses, the Classic combines a high specification with a very cost effective price.

The standard unit incorporates 316 stainless steel wetted parts that are housed within a liquid fillable 316 stainless steel case. Standard units are available as dual scale bar and psi but custom scales can be supplied.

Available with a wide range of accessories including: Syphons, Snubbers, Gauge Savers, Manifolds, Diaphragm Seals etc ensures that Budenberg can provide you with the right product to suit any individual application or requirement.

Size

100 mm (4")

Mounting

Direct

Case & Bezel

Two-piece solid front case in 316 Stainless Steel with a full safety-pattern blow out back. Polished Bezel with Bayonet Locking mechanism

Scale Ranges

0 to 1 bar to 0 to 1400 bar or equivalent units of pressure / vacuum are available

Pressure Element

≤80 Bar – 316 Stainless Steel Bourdon Tube

≥81 Bar - 316 Stainless Steel Coil

Wetted parts are available in other materials, eg, K-Monel, please specify at the time of enquiry

Overload

Units withstands overload pressure up to 130% of FSD 150% of FSD is optional. Please refer to our sales office

Pressure Connection

3/8" or 1/2" NPT or BSP

Other connections are available as options

- please specify at the time of enquiry

Accuracy Class

CL:1 1.0% of FSD as defined in EN837-1

Temperature

Operating: -40 to +60 °C

Storage: -40 up to +100 °C

Options: for lower or higher operating temperatures, please contact our Sales Office



Temperature Effect on Accuracy

Max 0.4% / 10K

Dial

White Anodised Aluminium marked in black finish

Dual scale bar / psi is standard but customised dials are available

Pointer

Black Aluminium Micrometer Adjustable Pointer

Movement

Stainless Steel Construction

Option : Case filling with glycerine or other fluids is available

Window

Laminated Safety Glass

Environmental Rating

IP67 as defined in EN 60 529

Traceability

All instruments are individually calibrated

A Certificate of Conformity is Supplied Free of Charge

Certification available

BS EN 10204 3.1B Material Certification

Point by Point Test Certificate

Safety

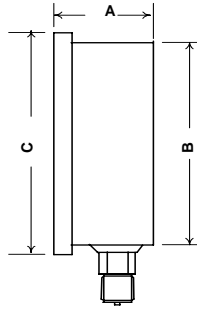
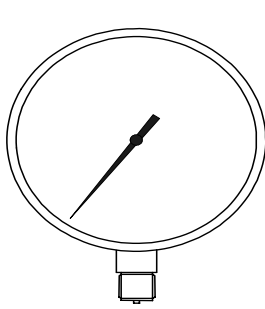
All units are manufactured to comply with EN 837-1 specification and other regulatory standards including PED.

Installation Instructions

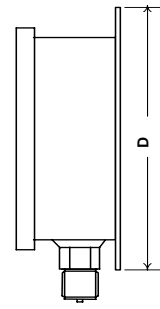
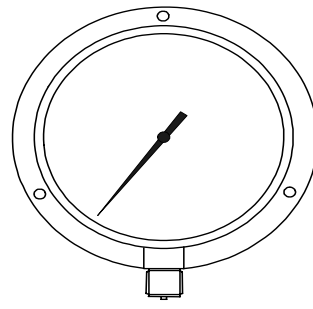
Refer to EN 837-2

Dimensions

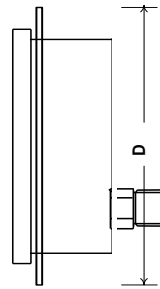
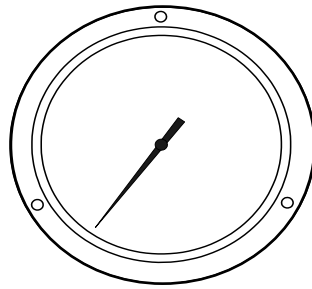
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Direct Mounting



Surface Mounting



Flush Mounting

Model No	A	B	C	D	Hole Diam
100mm Direct Btm Mount	61	102	108		
100mm Surface Btm Mount	61	102	108	122	3
100mm Flush Rear Mount	61	102	108	122	3

Dimensions shown in mm

Accessories

Budenberg can supply a full range of gauge accessories and manifolds that include:

- Externally Adjustable Snubber - See datasheet VAC 51
- U' and Scroll syphons - See datasheet VAC 52
- Overload Protection Valves - See datasheet VAC 53
- Gauge Swivel Adaptors - See datasheet VAC 50
- Needle Valves - See datasheet VAC 16 - 17
- Ball Valves - See datasheet VAC 15
- Block & Bleed Manifolds - See datasheet VAC 20
- Diaphragm Seal units - See datasheets BUD 38 - 45

Please contact our Sales Office for any special requirements including units for operation on special services, higher temperature operation or customised dials.

Specifications and dimensions in this leaflet, are subject to change without prior notice.



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