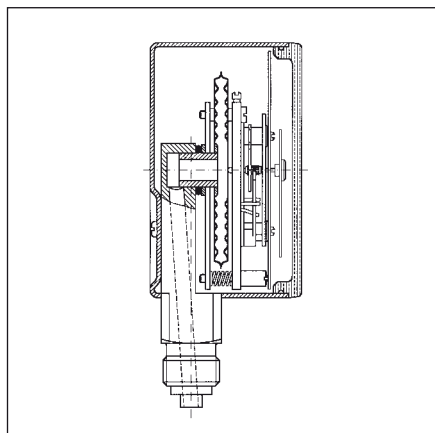


# Precision capsule type pressure gauges class 0.6



## Application

For gaseous, dry media which do not attack copper alloys. For high measuring accuracy.

! When measuring gas or vapour, the instruments must be used in accordance with the safety recommendations of EN 837-2 (see appendix).

## Type

D 4

## Nominal size

160

## Accuracy class (EN 837-3/6)

0.6

## Ranges (EN 837-3/5)

0/40 to 0/1,000 mbar and all corresponding vacuum and compound ranges with overpressure protection

## Calibration medium

Air

## Application area

Static load:

full scale value

Dynamic load:

0.9 x full scale value

Short term:

full scale value

## Operating temperature range

Medium:  $T_{max} = +60\text{ °C}$

Ambient:  $T_{min} = -20\text{ °C}$

$T_{max} = +60\text{ °C}$

## Temperature performance

Indication error when the temperature of the measuring element deviates from 20 °C:

rising temp. approx.  $\pm 0.6\text{ \%}/10\text{ K}$

falling temp. approx.  $\pm 0.6\text{ \%}/10\text{ K}$

percentage of full scale value

## Protection

IP 32 (EN 60529)

## Standard version

### Connection

Brass, bottom or centre back

G $\frac{1}{2}$ B - spanner size 22

(EN 837-3/7.3)

### Measuring element

Capsule element, CuBe alloy

### Movement

Brass

## Zero correction

From the front

## Seal

„Perbunan“ nitrile rubber

## Dial

Aluminium, white

Dial marking black

## Pointer

Knife edge pointer

Aluminium, black

## Housing

Stainless steel 304

## Bayonet type bezel

Stainless steel 304

## Front glass

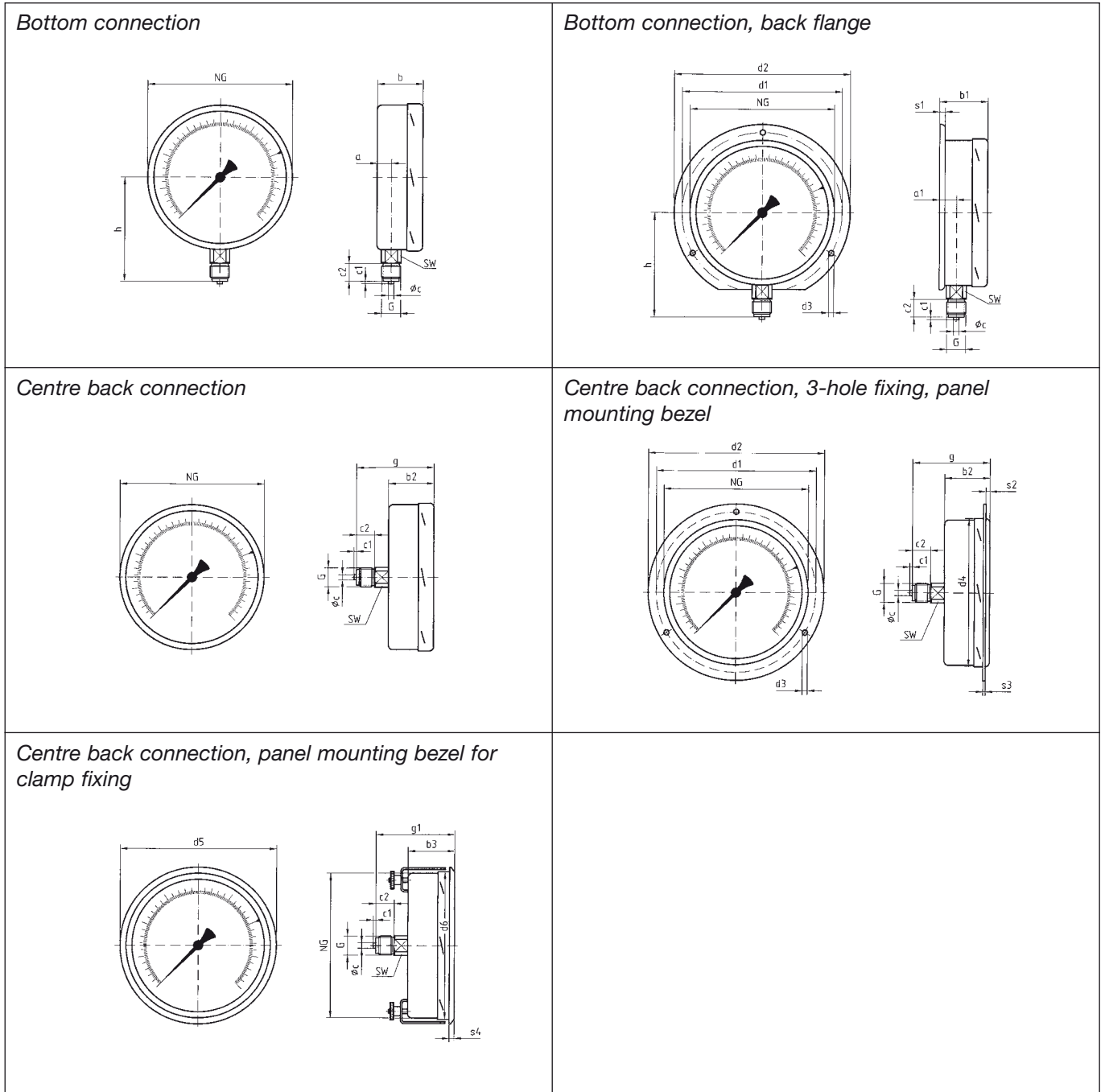
Plastic (PMMA)

## Options

- Back flange
- Panel mounting bezel for clamp fixing
- 3-hole fixing, panel mounting bezel
- Damping screw

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## Type D 4 – NG 160 – Housing types and dimensions



### Dimensions (mm)

Nominal size (NG)	a	a1	b	b1	b2	b3	Øc	c1	c2	d1	d2	d3	d4	d5	d6	G	g	g1	h	s1	s2	
160	17.5	20.5	50	53	50	52	6	3	20	178	196	5.8	164	167	161	G <sup>1</sup> / <sub>2</sub> B	82	84	116	6	4	
Nominal size (NG)	s3	s4	SW																			
160	2	4.5	22																			