



## Precision Bourdon tube pressure gauges RF160ChF

Part no. 85702432

Precision Bourdon tube pressure gauges

### Technical Specifications

#### Type

D4

#### Nominal size

160

#### accuracy class (EN 837-1/6)

0.6

#### ranges

see ordering table

#### application area

static load:  $\frac{3}{4}$  x full scale value  
dynamic load:  $\frac{2}{3}$  x full scale value  
short-term: Full scale value

#### Operating temperature range

Ambient: -20/+60 °C

#### Degree of protection

IP 54 (EN 60529)

#### Connection

stainless steel 316 Ti/316 L, bottom back

#### Measuring element

Bourdon tube

≤ 60 bar: "C" type tube, stainless steel 316 Ti/316 L

> 60 bar: helical tube, stainless steel 316 Ti/316 L

#### movement

Brass/nickel silver, jewel bearing

#### Dial

Aluminium, white

Scaling: black

NG 160

#### Pointer

knife edge pointer

Aluminium, black

#### Housing

Stainless steel 304

#### bayonet bezel

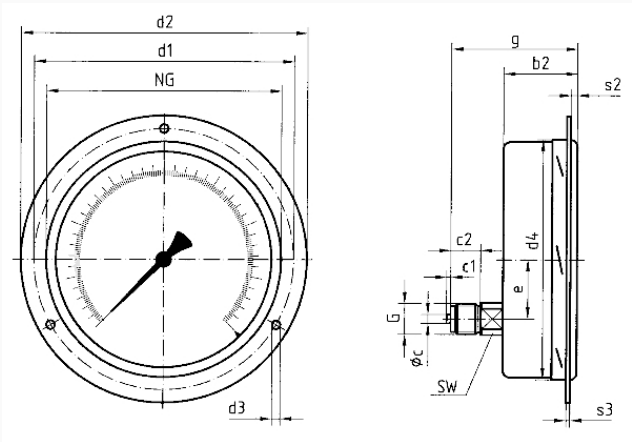
Stainless steel 304

#### window

Plastic (PMMA)

Technical Drawings

NG 160 – bottom back connection, 3-hole fixing, panel mounting bezel



Dimensions (mm)

| NG  | b2 | Øc | c1 | c2 | d1* | d2  | d3* | d4  | e    | G   | g  | s2 | s3 | SW |
|-----|----|----|----|----|-----|-----|-----|-----|------|-----|----|----|----|----|
| 160 | 50 | 6  | 3  | 20 | 178 | 196 | 5,8 | 164 | 44,5 | G½B | 82 | 4  | 2  | 22 |

\* Dimensions as per DIN 16070

Versions

| Range       | Mounting type                       | Type             | Part number |
|-------------|-------------------------------------|------------------|-------------|
| -1/+0.6 bar | 3-hole fixing, panel mounting bezel | RF160ChF<br>D432 | 85702432    |

- ☒ in-stock items
- ☐ Non-stock items