



Precision Bourdon tube pressure gauges RF160ChF

Part no. 85705432

Precision Bourdon tube pressure gauge type D4

Technical Specifications

Type

D4

Nominal size

160

accuracy class (EN 837-1/6)

0.6

ranges

see ordering table

standard version

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

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)

Dial

Aluminium, white

Scaling: black

NG 160

Pointer

knife edge pointer

Aluminium, black

Housing

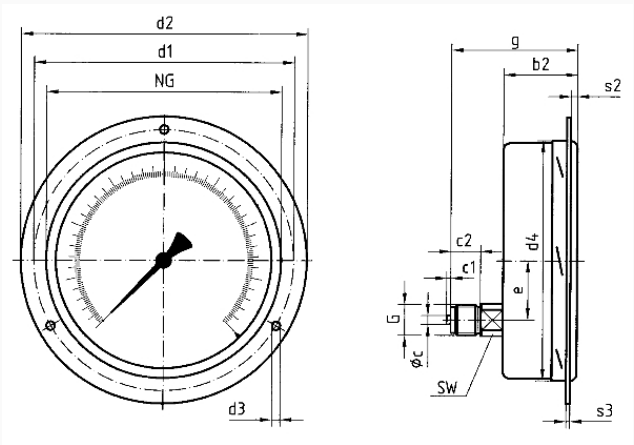
Stainless steel 304

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/+5 bar	3-hole fixing, panel mounting bezel	RF160ChF D432	85705432

- in-stock items
- Non-stock items