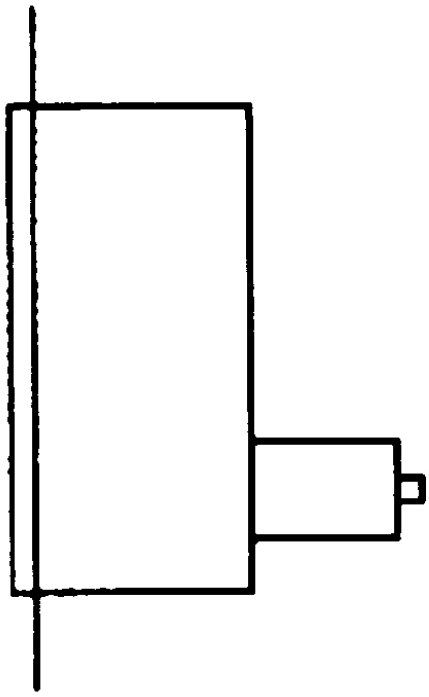


Precision Bourdon tube pressure gauges RF160ChF

Part no. 85709432

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

application area
static load: ¾ x full scale value
dynamic load: ⅔ x full scale value
short-term: Full scale value

Operating temperature range
Ambient: -20/+60 °C

Degree of protection
IP 54 (EN 60529)

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

Dial
Aluminium, white
Scaling: black
NG 160

Pointer
knife edge pointer
Aluminium, black

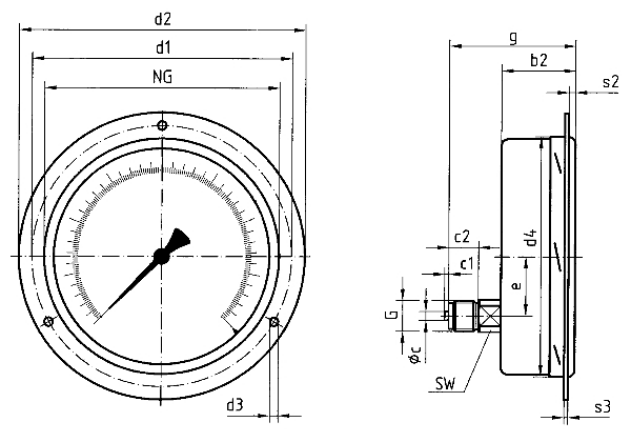
Housing
Stainless steel 304

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	∅c	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
0/0.6 bar	3-hole fixing, panel mounting bezel	RF160ChF D432	○	85709432

● in-stock items

○ Non-stock items