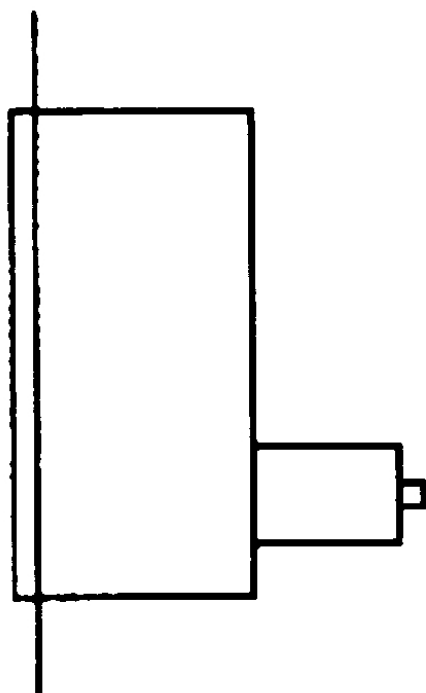


Precision Bourdon tube pressure gauge type D4



Technical Specifications

Type
D4

Nominal size
160

accuracy class (EN 837-1/6)
0.6

ranges
see ordering table

application area
static load: $\frac{3}{4}$ 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

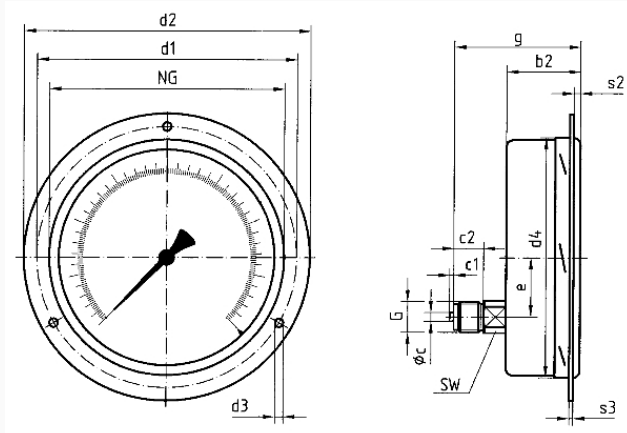
Housing
Stainless steel 304

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

Range	Mounting type	Type	Part number
-1/+0 bar	3-hole fixing, panel mounting bezel	RF160ChF D432	85701432
-1/+0.6 bar	3-hole fixing, panel mounting bezel	RF160ChF D432	85702432
-1/+1.5 bar	3-hole fixing, panel mounting bezel	RF160ChF D432	85703432
-1/+3 bar	3-hole fixing, panel mounting bezel	RF160ChF D432	85704432
-1/+5 bar	3-hole fixing, panel mounting bezel	RF160ChF D432	85705432
-1/+9 bar	3-hole fixing, panel mounting bezel	RF160ChF D432	85706432
-1/+15 bar	3-hole fixing, panel mounting bezel	RF160ChF D432	85707432
0/0.6 bar	3-hole fixing, panel mounting bezel	RF160ChF D432	85709432
0/1 bar	3-hole fixing, panel mounting bezel	RF160ChF D432	85710432
0/1.6 bar	3-hole fixing, panel mounting bezel	RF160ChF D432	85711432
0/2.5 bar	3-hole fixing, panel mounting bezel	RF160ChF D432	85712432
0/4 bar	3-hole fixing, panel mounting bezel	RF160ChF D432	85713432
0/6 bar	3-hole fixing, panel mounting bezel	RF160ChF D432	85714432
0/10 bar	3-hole fixing, panel mounting bezel	RF160ChF D432	85715432
0/16 bar	3-hole fixing, panel mounting bezel	RF160ChF D432	85716432
0/25 bar	3-hole fixing, panel mounting bezel	RF160ChF D432	85717432
0/40 bar	3-hole fixing, panel mounting bezel	RF160ChF D432	85718432
0/60 bar	3-hole fixing, panel mounting bezel	RF160ChF D432	85719432
0/100 bar	3-hole fixing, panel mounting bezel	RF160ChF D432	85720432
0/160 bar	3-hole fixing, panel mounting bezel	RF160ChF D432	85721432
Industrial technology / Mechanical		3-hole fixing, panel mounting bezel	RF160ChF D432
pressure measuring instruments /			
0/400 bar	3-hole fixing, panel mounting bezel	RF160ChF D432	85723432