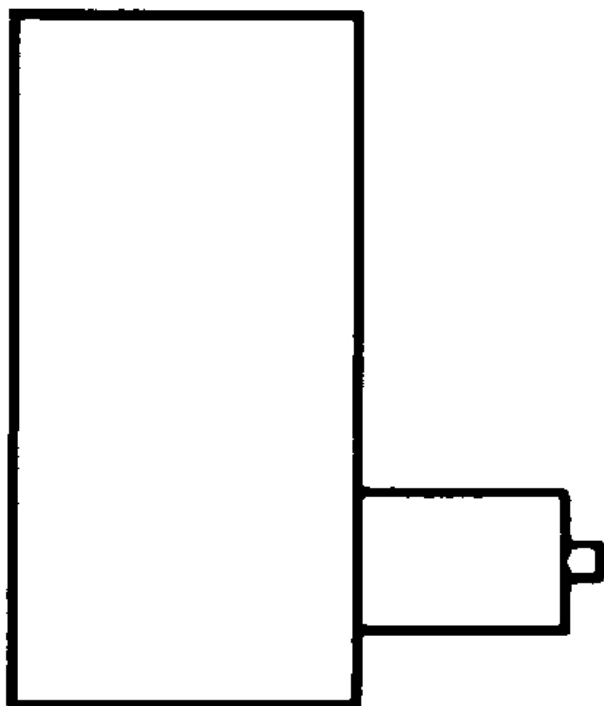


Precision Bourdon tube pressure gauge type D4



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

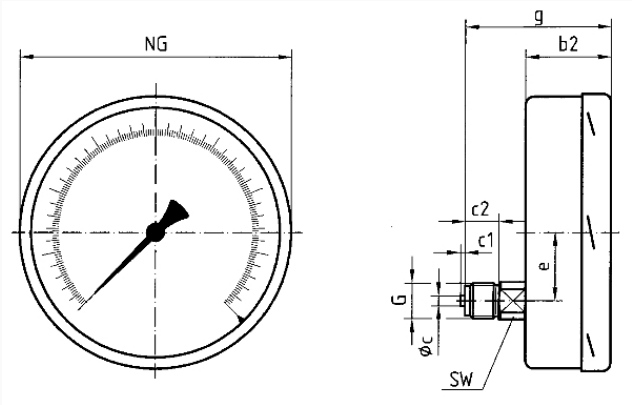
Housing
Stainless steel 304

bayonet bezel
Stainless steel 304

window
Plastic (PMMA)

Technical Drawings

NG 160 – bottom back connection



Dimensions (mm)

NG	b2	øc	c1	c2	e	G	g	SW
160	50	6	3	20	44,5	G½B	82	22

Versions

Range	Mounting type	Type		Part number
-1/+0 bar	direct	RF160ChF D412	●	85701412
-1/+0.6 bar	direct	RF160ChF D412	●	85702412
-1/+1.5 bar	direct	RF160ChF D412	●	85703412
-1/+3 bar	direct	RF160ChF D412	●	85704412
-1/+5 bar	direct	RF160ChF D412	●	85705412
-1/+9 bar	direct	RF160ChF D412	●	85706412
-1/+15 bar	direct	RF160ChF D412	●	85707412
0/0.6 bar	direct	RF160ChF D412	●	85709412
0/1 bar	direct	RF160ChF D412	●	85710412
0/1.6 bar	direct	RF160ChF D412	●	85711412
0/2.5 bar	direct	RF160ChF D412	●	85712412
0/4 bar	direct	RF160ChF D412	●	85713412
0/6 bar	direct	RF160ChF D412	●	85714412
0/10 bar	direct	RF160ChF D412	●	85715412
0/16 bar	direct	RF160ChF D412	●	85716412
0/25 bar	direct	RF160ChF D412	●	85717412
0/40 bar	direct	RF160ChF D412	●	85718412
0/60 bar	direct	RF160ChF D412	●	85719412
0/100 bar	direct	RF160ChF D412	●	85720412
0/160 bar	direct	RF160ChF D412	●	85721412
D412				
Industrial technology / Mechanical pressure measuring instruments / RF160ChF D412				3 / 3
0/400 bar	direct	RF160ChF D412	●	85723412