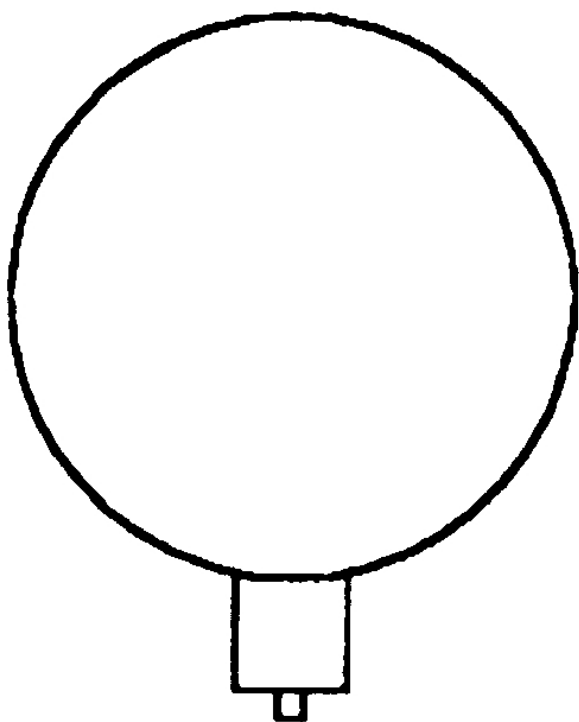


Precision Bourdon tube pressure gauge type D4



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

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

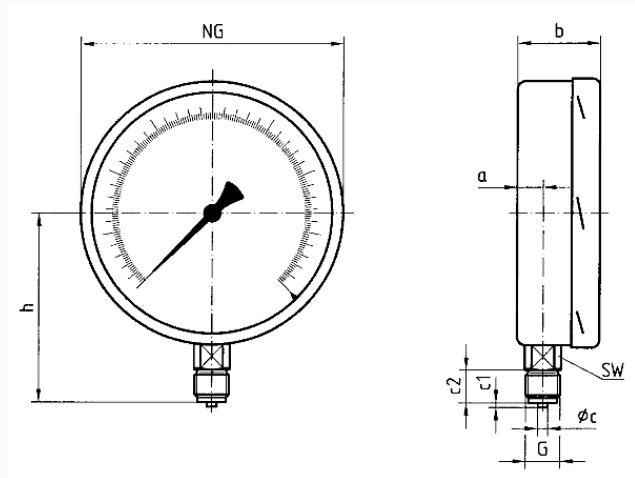
Housing
Stainless steel 304

bayonet bezel
Stainless steel 304

window
Plastic (PMMA)

Technical Drawings

Bottom connection



Dimensions (mm)

NG	a	b	Øc	c1	c2	G	h	SW
160	17,5	50	6	3	20	G½B	116	22
250	16	57	6	3	20	G½B	165	22

Versions

Range	Mounting type	Type		Part number
-1/+0 bar	direct	RF160ChF D402	●	85701402
-1/+0.6 bar	direct	RF160ChF D402	●	85702402
-1/+1.5 bar	direct	RF160ChF D402	●	85703402
-1/+3 bar	direct	RF160ChF D402	●	85704402
-1/+5 bar	direct	RF160ChF D402	●	85705402
-1/+9 bar	direct	RF160ChF D402	●	85706402
-1/+15 bar	direct	RF160ChF D402	●	85707402
0/0.6 bar	direct	RF160ChF D402	●	85709402
0/1 bar	direct	RF160ChF D402	●	85710402
0/1.6 bar	direct	RF160ChF D402	●	85711402
0/2.5 bar	direct	RF160ChF D402	●	85712402
0/4 bar	direct	RF160ChF D402	●	85713402
0/6 bar	direct	RF160ChF D402	●	85714402
0/10 bar	direct	RF160ChF D402	●	85715402
0/16 bar	direct	RF160ChF D402	●	85716402
0/25 bar	direct	RF160ChF D402	●	85717402
0/40 bar	direct	RF160ChF D402	●	85718402
0/60 bar	direct	RF160ChF D402	●	85719402
0/100 bar	direct	RF160ChF D402	●	85720402
0/160 bar	direct	RF160ChF D402	●	85721402
D402				
Industrial technology / Mechanical pressure measuring instruments / RF160ChF D402				3 / 3
0/400 bar	direct	RF160ChF D402	●	85723402