

Bourdon Tube Pressure Gauge

Safety execution, case with bayonet bezel, bottom connection

Datasheet 65.3

Pressure gauges

Description :

Bourdon tube pressure gauge according EN 837-1. Safety execution. Suitable for all gaseous and liquid media that will not obstruct the pressure system or attack copper alloy parts.

Scale ranges : 0...400 mbar up to 0...1600 bar

Accuracy : Class 1,0 acc. EN 837-1 / 5

Pressure element :

Material: Stainless steel 1.4571 or Cu-alloy
≤ 60 bar : C-type ; > 60 bar : helical type

Movement : Brass

Working pressure :

Steady : full scale value
Fluctuating : 0,9 × full scale value
Short time : 1,3 × full scale value

Case :

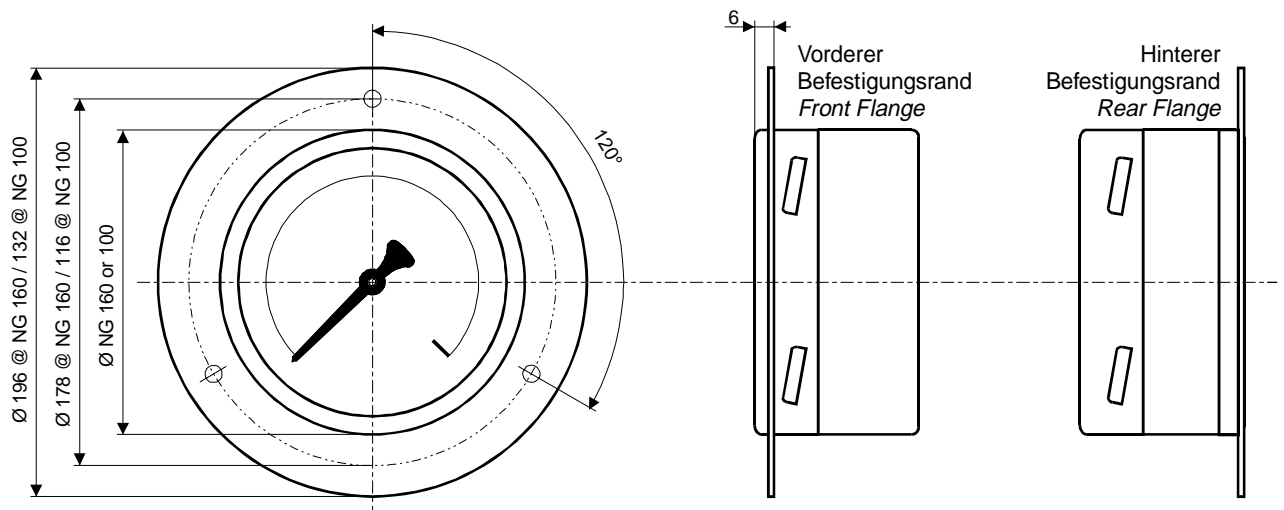
Case with bayonet bezel
Solid baffle wall and blow-out back.
Window : Laminated safety glass
Nominal size 100 or 160 mm
Material Stainless steel 1.4301
Protection class IP 65

Additional equipment : adjustable alarm contacts, Glycerine filling available

Process connection : Male thread G½" or 1/2" NPT mat. stainless steel
- other connections available upon request



Executions for wall- and flush panel mounting



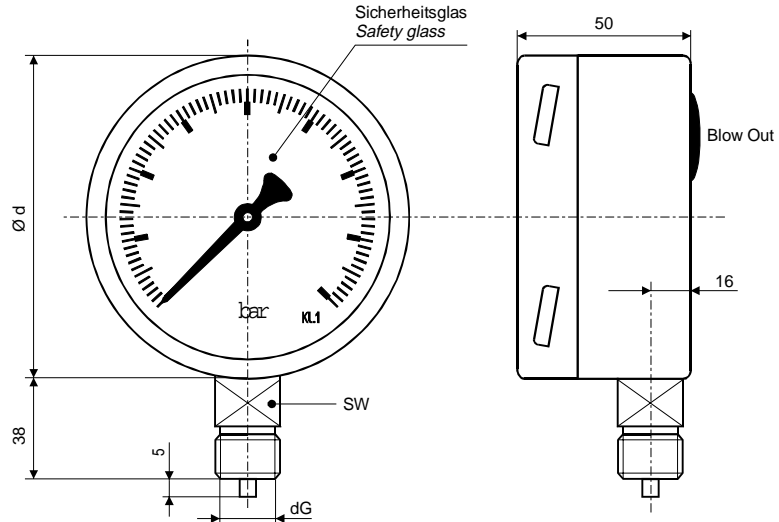
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Case dimensions		
Ordering - code		C
Ø(d)	Height (h)	
100	50	5
160	50	6
for contact instruments :		
100	85	
160	100	



Measurement ranges		
Ordering - code		F G
-1 ... 0	bar	1 1
-0,6 ... + 1	bar	1 2
-1 ... + 0,6	bar	1 3
-1 ... + 1,5	bar	1 4
-1 ... + 3	bar	1 5
-1 ... + 5	bar	1 6
-1 ... + 9	bar	1 7
-1 ... + 15	bar	1 8
0 ... + 0,6	bar	1 9
0 ... + 1	bar	2 0
0 ... 1,6	bar	2 1
0 ... 2,5	bar	2 2
0 ... 4	bar	2 3
0 ... 6	bar	2 4
0 ... 10	bar	2 5
0 ... 16	bar	2 6
0 ... 25	bar	2 7
0 ... 40	bar	2 8
0 ... 60	bar	2 9
0 ... 100	bar	3 0
0 ... 160	bar	3 1
0 ... 250	bar	3 2
0 ... 400	bar	3 4
0 ... 600	bar	3 5
0 ... 1000	bar	3 6
0 ... 1600	bar	3 7
Special range	9 9

Execution	
Ordering - code	
normal	1
with front flange	2
with rear flange	3

Additional Equipment	
Ordering - code	
Without	0
Slow- acting contact	1
Contact magnetic system	2
Intrinsically safe contact	3
Electronic contact	4
Marking pointer	5
Maximum pointer	6

Connection (electrical)	
Ordering - code	
Without	0
1 m connection cable	1
Connection box	2

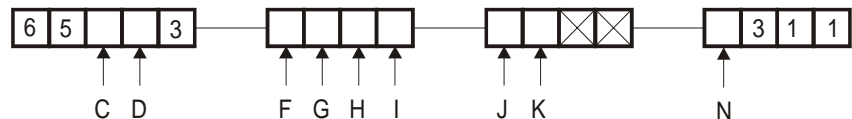
Contact- functions	
Ordering- code	
Single contact	
Closing contact	X 1
Opening contact	X 2
Change- over contact	X 3
Double contact	
2 x Closing contact	1 1
2 x Opening contact	2 2
1.Closing/2.Opening	1 2
1.Opening/2.Closing	2 1

Connection	
Ordering - code	
G 1/2"	1
1/2" NPT	4
Special connection	9

Ordering key :

For ordering please fill out all empty digits of the ordering key.

The codes for the ordering key you will find in the charts above.



Please define in clear text :

Special Range (Minimum Span = 400 mbar)

from up to Unit : bar Pascal PSI other :

Speciality :