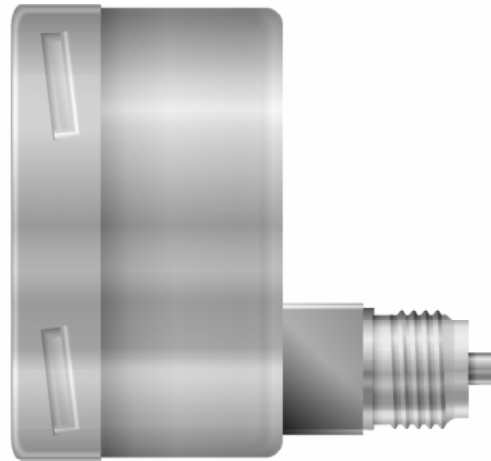


# Bourdon Tube Pressure Gauge

Case with bayonet bezel, back connection

# Datasheet 65.2

Pressure gauges



## Description :

Bourdon tube pressure gauge according EN 837-1. 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

## Additional equipment :

Glycerine filling, adjustable alarm contacts

**Movement :** Brass

## Case :

Case with bayonet bezel  
Nominal size 100 or 160 mm  
Protection class IP 65  
Material Stainless steel 1.4301

## Process connection :

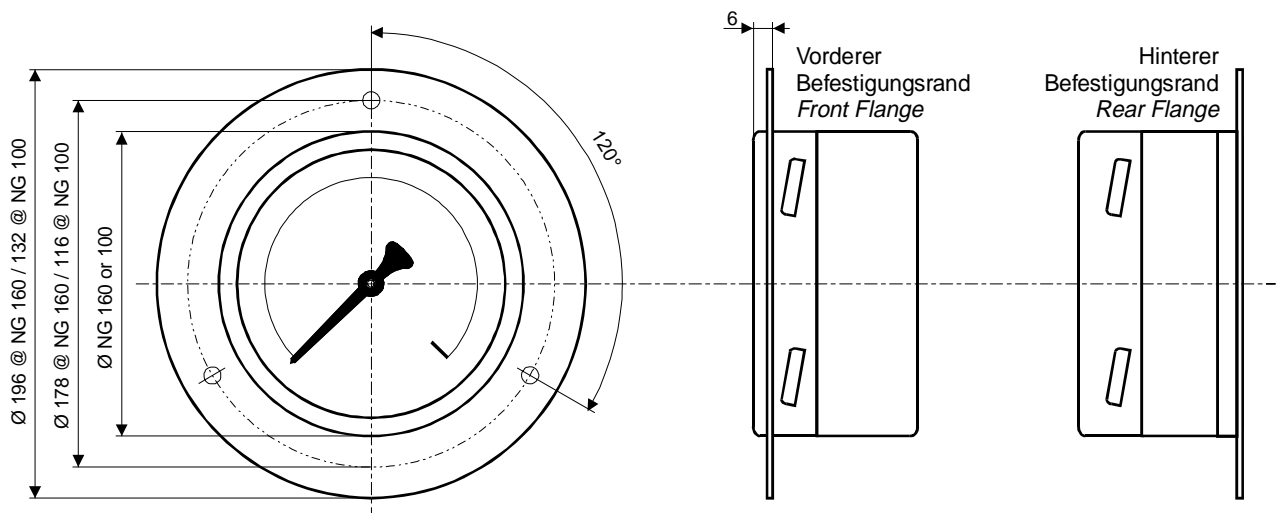
Male thread G $\frac{1}{2}$ " mat. stainless steel 1.4571 or Brass

## Working pressure :

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

**Typical applications :** Industry, Plant construction

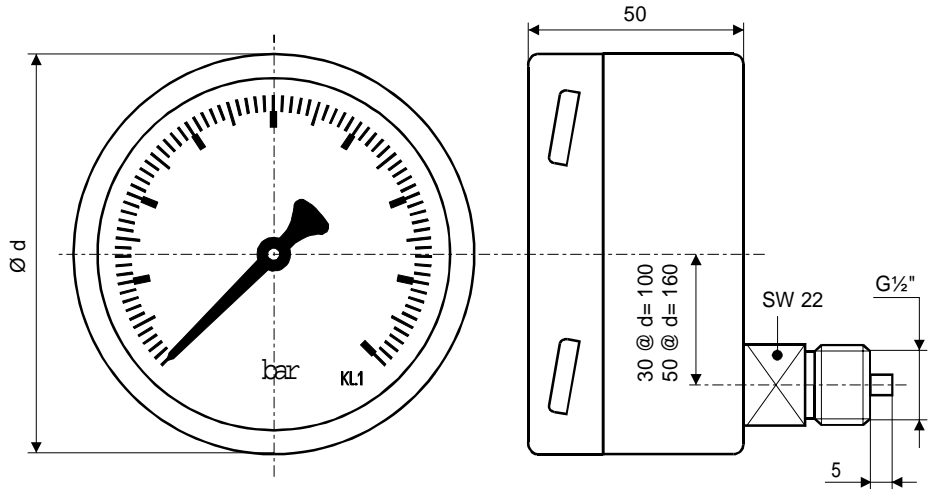
## Executions for wall- and flush panel mounting



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

Execution	
<b>Ordering - code</b>	<b>D</b>
normal .....	1
with front flange .....	2
with rear flange .....	3

Measurement ranges		
<b>Ordering - code</b>		<b>F G</b>
-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



Connection (electrical)	
<b>Ordering - code</b>	<b>I</b>
Without .....	0
1 m connection cable .....	1
Connection box .....	2

Additional Equipment	
<b>Ordering - code</b>	<b>H</b>
Without .....	0
Slow- acting contact .....	1
Contact magnetic system .....	2
Intrinsically safe contact .....	3
Electronic contact .....	4
Marking pointer .....	5
Maximum pointer .....	6
Glycerine filling .....	8

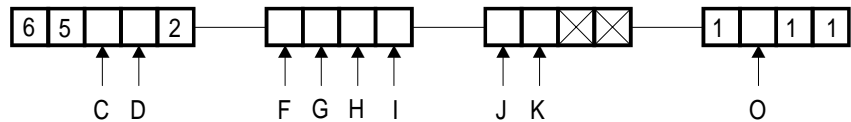
Contact- functions		
<b>Ordering - code</b>		<b>J K</b>
<b>Single contact</b>		
Closing contact .....	X 1	
Opening contact .....	X 2	
Change- over contact .....	X 3	
<b>Double contact</b>		
2 x Closing contact .....	1 1	
2 x Opening contact .....	2 2	
1.Closing/2.Opening .....	1 2	
1.Opening/2.Closing .....	2 1	

Material for media touching parts	
<b>Ordering - code</b>	<b>O</b>
Brass .....	1
Stainless steel 1.4571 .....	3

### 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 : .....