

# Pressure Gauges with Spiral Tube Model 116.15, Back Mount Connection Standard Series

WIKA Data Sheet PM 01.16

## Applications

- For gaseous media that will not attack copper alloy parts
- Indication of cylinder charging pressure
- Welding engineering
- Medical industry

## Special Features

- Very flat design
- Ideal for integration solutions
- Nominal size 36 and 41
- Scale ranges up to 0 ... 400 bar



Pressure Gauge with Spiral Tube Model 116.15

## Description

### Nominal size in mm

36, 41

### Accuracy class

2.5

### Scale ranges

0 ... 160 to 0 ... 400 bar

or all other equivalent vacuum or combined pressure and vacuum ranges

### Pressure limitation

Steady: 3/4 x full scale value

Fluctuating: 2/3 x full scale value

Short time: full scale value

### Operating temperature

Ambient: -40 ... +60 °C

Medium: +60 °C maximum

### Temperature effect

When the temperature of the measuring system deviates from the reference temperature (+20 °C):

max.  $\pm 0.4$  %/10 K of the span

## Standard version

### Process connection

Cu-alloy,  
centre back mount (CBM)  
G 1/8 B (male), 12 mm flats

### Pressure element

Cu-alloy, spiral form

### Dial

Plastic, white, black lettering

### Pointer

Cu-alloy, black

### Case

Stainless steel

### Window

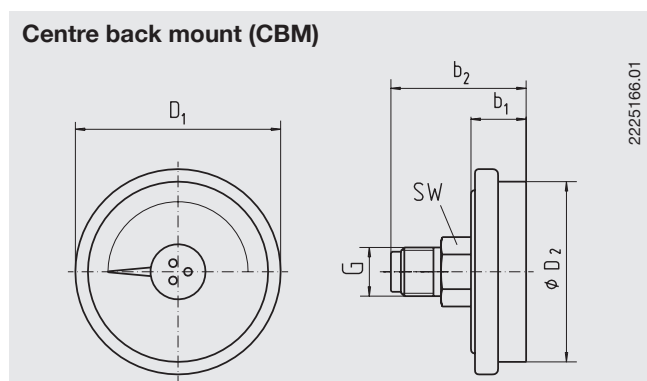
Polycarbonate

## Options

- Other process connection
- Restrictor
- Rubber cover

## Dimensions in mm

### Standard version



NS	Dimensions in mm					Weight in kg	
	$b_1 \pm 0.5$	$b_2 \pm 1$	$D_1$	$D_2$	G	SW	
36	11	27	36	31	G 1/8 B	12	0.021
41	11	27	41	36	G 1/8 B	12	0.024

Process connection per EN 837-1 / 7.3

## Ordering information

Model / Nominal size / Scale range / Connection size / Options

Modifications may take place and materials specified may be replaced by others without prior notice.  
Specifications and dimensions given in this leaflet represent the state of engineering at the time of printing.



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