Pressure gauge with spiral tube
Model 116.15, back mount
Direct drive version

Applications

- For the measurement of static pressure with dry gaseous media that will not attack copper alloy parts
- Indication of cylinder charging pressure
- Welding engineering
- Medical engineering

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

Pressure limitation
Steady: 3/4 x full scale value
Short time: Full scale value

Permissible temperature
Ambient: -20 … +60 °C
Medium: +60 °C maximum

Temperature effect
When the temperature of the measuring system deviates from the reference temperature (+20 °C):
max. ±0.4 %/10 K of the span

Data sheets showing similar products:
Miniature pressure gauge with Bourdon tube, NS 27; model 111.12; see data sheet PM 01.17

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

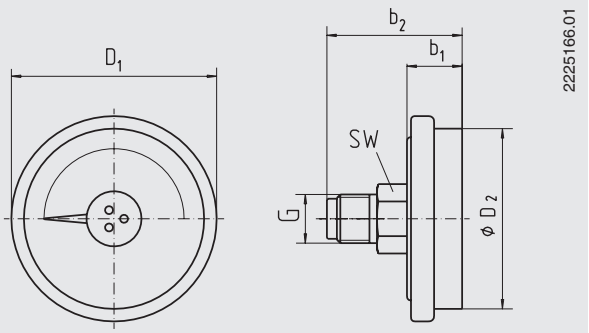
Options

- Other process connection
- Restrictor
- Protective rubber cap

Dimensions in mm

Standard version

Centre back mount (CBM)



NS	Dimensions in mm						Weight in kg
	b_1 ±0.5	b_2 ±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

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