

P400 Welding gauge



Bourdon Tube Pressure Gauge



Application:

- For Regulators and Equipments for welding and similar processes
- For dispensing systems (beer)

Special Features

- Design ISO 5171
- Blow-out on the case back
- UL - approval

Technical Data

Diameter: 40, 50, 63 mm

Case/Bezel: Steel, black or brass colored with blow-out on the back side

Ranges:

0...1 bar to 0...400 bar, for acetylen, oxygen and other gases

Working pressure:

Steady: $\frac{3}{4}$ of full scale value

Fluctuating: $\frac{2}{3}$ of full scale value

Short time: Full scale value

Operating Temperature:

Ambient: TMIN -40 to TMAX + 60°C

Medium: TMAX: +60°C

Temperature effect:

Deviation when temperature of the Bourdon Tube deviates from +20°C: max. +/- 0,4%/10K of the full scale value

Accuracy class:

2,5 %

Pressure element:

≤ 60 bar: C-type

> 100 bar: helical type

Pressure connection:

Material: Cu-alloy

Lower (LM) and center back mount (CBM)

40 mm: G 1/8 B

50 and 63 mm: G ¼ B

Movement: Cu-alloy

Dial: White aluminium or plastic with black lettering

Pointer: Aluminium or plastic, black

Window: Polycarbonate, snap in window

Options:

Other pressure connection

Case chrome plated

Case stainless steel

Socket: nickel plated

Twist-on window

Order information

Model/Size/Scale range/Size of connection/Options

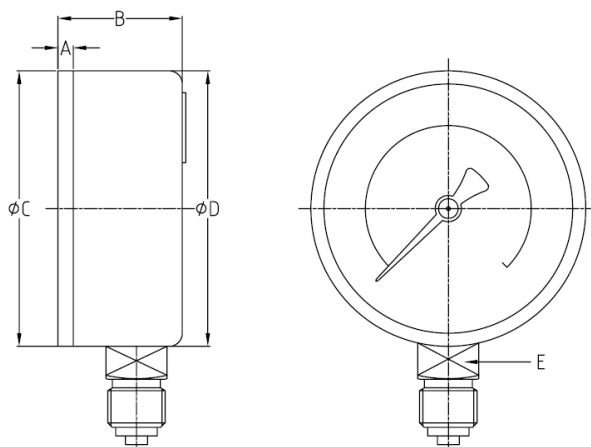
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NS	A	B	ØC	ØD	E	
40	/	/	/	/	/	
50	3.5	28	49	49	14	
63	3.5	28.5	61	61	14	
80	/	/	/	/	/	
100	/	/	/	/	/	
150	/	/	/	/	/	
160	/	/	/	/	/	

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