

P300 Case Stainless Steel, Liquid Filled



Bourdon Tube Pressure Gauge



Application:

- For gaseous, liquid and non-aggressive media which are not highly viscous and crystallizing
- Hydraulics, compressors, etc

Special Features

- Shock and vibration resistant
- Long lifetime

Technical Data

Diameter: 40, 50, 63, 80, 100, 150, 160 mm

Case/Bezel: Stainless steel case with Crimped ring

Ranges:

40 mm: 0...1 to 0...400 bar
50 mm: 0...1 to 0...600 bar
63 mm: 0...1 to 0...600 bar
80 mm: 0...0,6 to 0...600 bar
100 mm: 0...0,6 to 0...600 bar
150 mm: 0...0,6 to 0...600 bar
160 mm: 0...0,6 to 0...600 bar

Working pressure:

Diameter: 40, 50, 63, 80, 100, 150, 160 mm:
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 – 20 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

Protection:

IP 65 per EN 60 529/ IEC 529

Accuracy class:

40/50/63/80: 2,5 %
100/150/160: 1,6 %

Pressure element:

≤ 60 bar: C-type
> 100 bar: helical type

Pressure connection:

Material: Copper alloy
Lower (LM) and center back mount (CBM)
40 mm: G 1/8 B (M10x1)
50 and 63 mm: G $\frac{1}{4}$ B (M12x1,5)
80, 100, 150, 160 mm: G $\frac{1}{2}$ B (M20x1,5)

Movement: Cu-alloy

Dial: White aluminium with black lettering

Pointer: Black plastic or aluminium

Window: Polycarbonate

Liquid filling: Glycerine 99.7 %

Options:

Pressure system and movement made of stainless steel: P500
Other pressure connection
3-hole panel mounting or U-clamp
Silicon filling
Bayonet ring

Order information

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

PA Instruments, s.r.o
Vazska 1, 911 05 Trenčín

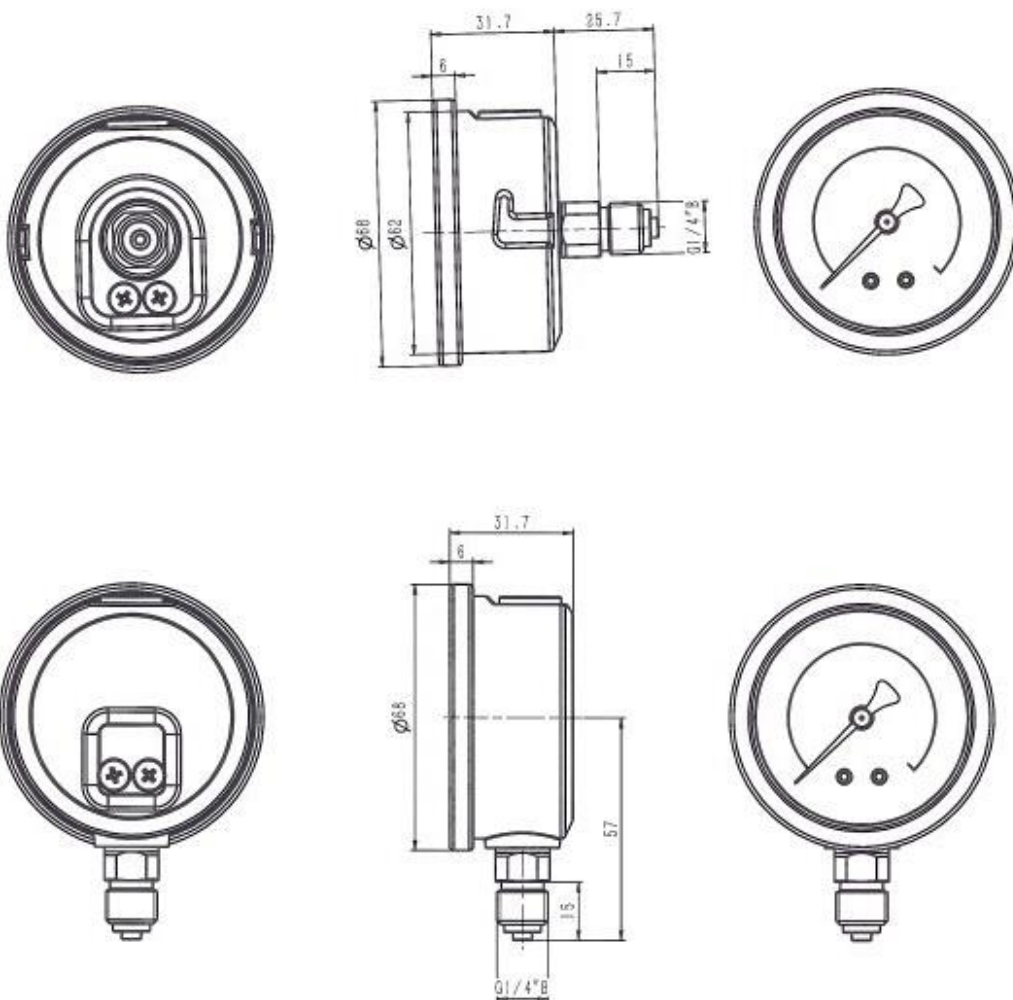
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