

FLOTECS
Fluid/Flue solutions®

**Bourdon Tube
Pressure Gauge
Bottom Connection,
Liquid Filled Type,
Standard version
Model 116A**



Dial Pressure Gauges
Dial Temperature Gauges
Combined Gauges
Calibration Services

Applications

- For measuring points with high dynamic pressure loads or vibrations
- For gaseous and liquid media that are not highly viscous or crystallising and will not attack stainless steel parts
- Hydraulics
- Compressors, Shipbuilding

Special Features

- Vibration and shock resistant
- Design as per EN 837-1
- Nominal size 40, 50, 63, 75 and 100
- Scale ranges up to -1... 0 ... 40 Bar

Description

Nominal size in mm: 40, 50, 63, 75 and 100

Accuracy class:

NS 40: 2.5

NS 50,63,80: 1.6

NS 100: 1.0

Scale ranges: 0 ... 0.6 to 0 ... 40 Bar

or all equivalent vacuum or combined pressure and vacuum ranges

Pressure limitation

NS 40,50, 63:

Steady: 3/4 x full scale value

Fluctuating: 2/3 x full scale value

Short time: Full scale value

NS 80,100:

Steady: Full scale value

Fluctuating: 0.9 x full scale value

Short time: 1.3 x 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 ref. temperature (+20 °C): max. $\pm 0.4 \%$ /10 K of the span



Standard Version

Process connection: Stainless Steel

Lower mount (LM) or back mount (BM)

Pressure element(bourdon tube): Stainless Steel C-type or helical type

Movement: Stainless Steel

Dial: Aluminum, dial scale can be customized

Pointer: Aluminum, black or white

Window: Poly-carbonate

Case: Polished or matte Stainless Steel

Bezel ring: Crimp ring or Bayonet bezel

Filling liquid: Glycerine or Silicone

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