Bourdon Tube Caisson Pressure Gauges
Room Pressure Gauge
Model 232.01, Stainless Steel Version

Applications

- Pressure measurement in rooms, pressure chambers and positive pressure vessels for engineering applications
- Monitoring of decompression chambers
- Pressure monitoring for medical applications
- Process industry: mining, tunnelling, machine building, general plant construction, medical industry

Special Features

- High reliability and long service life
- All stainless steel construction
- Transportation lock
- Impact resistant window

Description

Nominal size in mm
160

Accuracy class
1.0

Scale ranges
0 ... 0.6 to 0 ... 16 bar

Pressure limitation
Steady: full scale value
Fluctuating: 0.9 x full scale value
Short time: 1.3 x full scale value

Operating temperature
Ambient: -20 ... +60 °C

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

Ingress protection
IP 55 per EN 60 529 / IEC 529
Standard version

**Process connection**
Stainless steel 316L,
The gauge does not have a conventional process connection. The measuring system is barometrically sealed. The ambient pressure to be measured acts on the pressure element from the outside.

**Pressure element**
Stainless steel 316L
C-type

**Movement**
Cu-alloy, wear parts argentan

**Dial**
Aluminium, white, black lettering

**Pointer**
Adjustable pointer, aluminium, black

**Case**
Stainless steel,
with venting hole and surface mounting flange

**Window**
Polycarbonate

**Bezel ring**
Cam ring (bayonet type), stainless steel

Options

- Dual scale
- Colour marking on the dial
- Ambient temperature up to 100 °C
- Class accuracy 0.6 and 0.25 (Model 332.01)
- Zero point adjustable from outside
- Mounting eye at 12 o'clock
- Front panel mounting
- Drag pointer
- Mark pointer

Standard version

**Process connection**
Stainless steel 316L,
The gauge does not have a conventional process connection. The measuring system is barometrically sealed. The ambient pressure to be measured acts on the pressure element from the outside.

**Pressure element**
Stainless steel 316L
C-type

**Movement**
Cu-alloy, wear parts argentan

**Dial**
Aluminium, white, black lettering

**Pointer**
Adjustable pointer, aluminium, black

**Case**
Stainless steel,
with venting hole and surface mounting flange

**Window**
Polycarbonate

**Bezel ring**
Cam ring (bayonet type), stainless steel

Ordering information

Model / Nominal size / Scale range / Options

The specifications given in this document represent the state of engineering at the time of publishing. We reserve the right to make modifications to the specifications and materials.