Bourdon tube pressure gauge
Test gauge, safety version, class 0.6
Model 332.11

Applications
- Mobile precision measurement under special safety
- For gaseous and liquid aggressive media that are not highly viscous or crystallising, also in aggressive ambience
- High-accuracy pressure measurement
- Testing of industrial type pressure gauges

Special features
- Safety pressure gauge with solid baffle wall designed in compliance with operational safety requirements of EN 837-1
- All stainless steel construction
- Knife edge pointer for optimal accuracy of reading
- Wear-resistant precision movement from stainless steel
- Scale ranges up to 0 ... 600 bar

Description

Design
EN 837-1

Nominal size in mm
160

Accuracy class
0.6

Scale ranges
0 ... 0.6 to 0 ... 600 bar
or all other equivalent vacuum or combined pressure and vacuum ranges

Adjustment medium
≤ 25 bar: Gas
> 25 bar: Liquid

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

Permissible temperature
Ambient: -40 … +60 °C
Medium: +200 °C maximum

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 54 per EN 60529 / IEC 529
### Standard version

**Process connection**
Stainless steel 316L,  
Angled valve with LH-RH union M20 x 1.5

**Pressure element**
Stainless steel 316L,  
< 100 bar: C-type  
≥ 100 bar: Helical type

**Movement**
Stainless steel

**Dial**
Aluminium, white, black lettering

**Pointer**
Knife edge pointer, aluminium, black

**Case**
Stainless steel, with solid baffle wall (Solidfront) and blow-out back

---

### Window
Laminated safety glass

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

### Accessories
1. Service case 270 x 180 x 135
2. LH-RH union M20 x 1.5 DIN 16283
3. Adaptor M20 x 1.5 with test flange 60 x 25 x 10
4. Mounting screws M8
5. Hexagon nuts M8
6. Sealing 16.5 x D17
7. Distance bushes
8. Acceptance test certificate, examination certificate, list of single measured values

### Options
- Staple for round flanges
- Adjustment medium by agreement
- Free from oil and grease for oxygen

---

### Dimensions in mm

**Standard version**

<table>
<thead>
<tr>
<th>Measurement</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt;100 bar</td>
<td>58</td>
</tr>
<tr>
<td>≥100 bar</td>
<td>75.5</td>
</tr>
<tr>
<td>M10</td>
<td>0.5</td>
</tr>
<tr>
<td>M5</td>
<td>1.5</td>
</tr>
</tbody>
</table>

---

**Ordering information**

Model / Nominal size / Scale range / Connection size / Connection location / Options

---

© 2011 WIKA Alexander Wiegand SE & Co. KG, all rights reserved

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.