

# Bourdon Tube Pressure Gauges

Field Service Test Gauge  
with Solid Baffle Wall acc. EN 837-1  
Class 0.6 ( $\pm 0.5\%$ ) • Model 332.11

## Pressure Gauges



### Service intended

On-site pressure gauge testing.  
All stainless steel pressure gauge with solid baffle wall and blow-out back.  
Suitable for corrosive environments and gaseous or liquid media that will not obstruct the pressure system.

### Design

Safety pattern gauge (SOLID FRONT) to EN 837-1

### Nominal size

160 mm

### Accuracy class per EN 837-1 /6

0.6

$\pm 0.5\%$  of span (ASME B 40.1 Grade 2A)

### Scale ranges per EN 837-1 /5

0 ... 0.6 to 0 ... 600 bar

or other equivalent units of pressure or vacuum.

### Calibrating medium

$\leq 25$  bar: gas

$> 25$  bar: liquid (inside of measuring system dried afterwards)

### Working pressure

Steady: full scale value

Fluctuating:  $0.9 \times$  full scale value

Short time:  $1.3 \times$  full scale value

### Operating temperature

Ambient:  $-40$  °C ...  $+60$  °C

Medium:  $+200$  °C maximum

### Temperature effect

When temperature of the pressure element deviates from reference temperature ( $+20$  °C):

max.  $\pm 0.4\%/10$  K of true scale value

### Ingress protection

IP 54 per EN 60 529 / IEC 529

### Standard features

#### Pressure connection

Material: stainless steel 316L

Radial entry with pressure gauge angled valve and LH/RH union M 20 x 1.5

#### Pressure element

Material: stainless steel 316L

$< 100$  bar: C-type

$\geq 100$  bar: helical type

#### Movement

Stainless steel

#### Dial

White aluminium with black lettering

#### Pointer

Black aluminium, knife edge pointer



### Case

Natural finish stainless steel, case with solid baffle wall and blow-out back

### Window

Laminated safety glass

### Bezel ring

Cam ring (bayonet type), natural finish stainless steel

### Standard accessories supplied

1 field service case 270 x 180 x 135 mm

1 LH/RH union M 20 x 1.5 DIN 16 283

1 adaptor M 20 x 1.5 with test flange 60 x 25 x 10

2 sets nuts and bolts M 8

3 gaskets 16.5 x D17

2 spacer 14 x 8

1 point-to-point calibration certificate, values listed

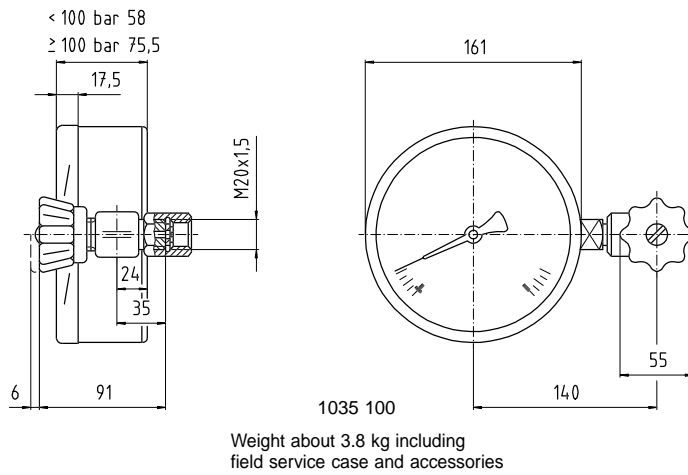
### Optional extras

- Staple to fit round test flange

- Special calibrating medium

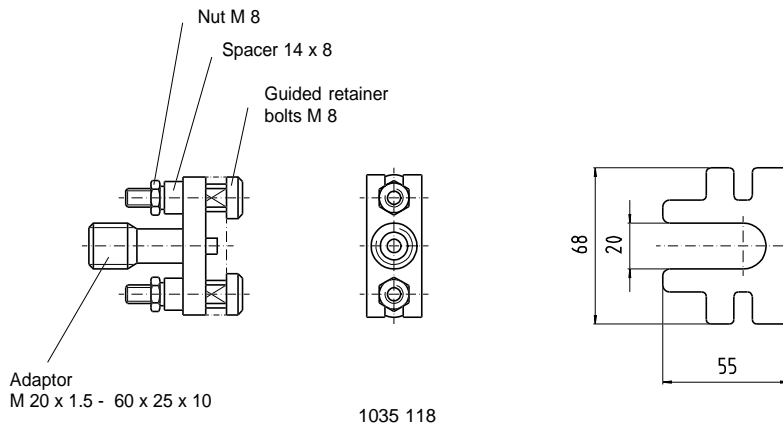
- For oxygen service

**Dimensions**  
**Standard version**



**Adaptor**  
(supplied with instrument)

**Staple**  
(Optional extra)



**Ordering information**

State:  
Pressure gauge model / Nominal size / Scale range / Optional extras required

Specifications and dimensions given in this leaflet represent the state of engineering at the time of printing. Modifications may take place and materials specified may be replaced by others without prior notice.



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