



**Global Valves
and Engineering**

Bourdon Tube Pressure Gauges Stainless Steel Series Model 232.50/233.50, without/with Liquid Filling



Applications

- With liquid filled case for applications with high dynamic pressure pulsations or vibrations
- Suitable for corrosive environments and gaseous or liquid media that will not obstruct the pressure system
- Process industry: chemical/petro-chemical, power stations, mining, on- and offshore, environmental technology, mechanical engineering and plant construction

Special Features

- Excellent load-cycle stability and shock resistance
- All stainless steel construction
- Approval German Lloyd and Gosstandart
- Scale ranges up to 0 ... 1600 bar



Bourdon Tube Pressure Gauge Model 232.50

Description

Design

EN 837-1

Nominal size

63, 100 and 160 mm

Accuracy class

63 mm: 1.6

100, 160 mm: 1.0

Scale ranges

63 mm: 0 ... 1 to 0 ... 1000 bar

100 mm: 0 ... 0.6 to 0 ... 1000 bar

160 mm: 0 ... 0.6 to 0 ... 1600 bar

or other equivalent units of pressure or vacuum

Working pressure

63 mm:	Steady:	% of full scale value
	Fluctuating:	% of full scale value
	Short time:	full scale value
100, 160 mm:	Steady:	full scale value
	Fluctuating:	0.9 x full scale value
	Short time:	1.3 x full scale value

Operating Temperature

Ambient: -40 ... +60 °C

Medium: +200 °C maximum without liquid filling
+100 °C maximum with liquid filling

Temperature effect

When temperature of the pressure element deviates from reference temperature (+20 °C):
max. ± 0.4 %/10 K of true scale value

Ingress protection

IP 65 per EN 60 529 / IEC 529

Global Valves and Engineering Pty Ltd

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