

Type Approval Certificate



This is to certify that the undernoted product(s) has/have been tested in accordance with the relevant requirements of the GL Type Approval System.

Certificate No. **84 617 - 95 HH**

Company **WIKA**
Alexander Wiegand SE & Co. KG
Alexander-Wiegand-Str. 30
63911 Klingenberg, GERMANY

Product Description **BOURDON TUBE PRESSURE GAUGES**

Type **STAINLESS STEEL CASE WITH LIQUID FILLING, MODEL 213.53**

Environmental Category • None

Technical Data /
Range of Application **TECHNICAL DATA**
Nominal size: 50, 63, 80 and 100 mm Accuracy class: 1.6 / 1.0 per EN 837-1
Design: acc. to EN 837-1 Protection: IP 65 per EN 60 529
Scale ranges: acc. to EN 837-1 or equiv. other units pressure or vacuum
Operating temperature: -20°C up to 60°C (ambient), max. 60°C (medium)
Working pressure: 3/4 of full scale value (steady), 2/3 of full scale
(50 and 63 mm) value (fluctuating), full scale value (short time)
Working pressure: full scale value (steady), 0.9 x full scale value
(80 and 100 mm) (fluctuating), 1.3 x full scale value (short time)
Pressure elements: Cu-alloy, stainless steel acc. to manufacturer's
specification

RANGE OF APPLICATION

For gaseous and liquid media that will not obstruct the pressure system or attack copper alloy and stainless steel parts.

Test Standard • Regulations for the Performance of Type Tests on Mechanical Components and Equipment, Part D.18 of Germanischer Lloyd.

Documents • Test Report
• Specification Sheets
• Quality Assurance Manual

Remarks • MARKING and PRODUCTION PLACE see page 2.

Valid until **2015-12-12**

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File No. **II.B.01**

Hamburg, 2010-11-29

Germanischer Lloyd

Hanspeter Raschle
Hanspeter Raschle

Peter Gierhan
Peter Gierhan

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MARKING:

Each device shall bear legible and durable marking on the body or on a plate fixed securely to the body as follows:

• Manufacturer`s Mark • Type •

PRODUCTION PLACE:

Nominal size 100 mm

WIKA Alexander Wiegand SE & Co. KG
Alexander-Wiegand-Str. 30
63911 Klingenberg
GERMANY

Nominal size 50 mm, 63 mm and 80 mm

WIKA Polska S.A.
ul. Legska 29/35
87-800 Wloclawek
POLAND

• The selection of the pressure gauges for the corresponding application and the right installation is to be in accordance with the instructions of the manufacturer.

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Germanischer Lloyd

i. V. Hanspeter Raschle
Hanspeter Raschle

i. A. P. Gierhan
Peter Gierhan

This certificate is issued on the basis of "Guidelines for the Performance of Type Approvals Part 1, Procedure".