

# 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. **21 088 - 04 HH**

Company **WIKA Alexander Wiegand GmbH & Co. KG**  
**Alexander-Wiegand-Straße**  
**63911 Klingenberg, GERMANY**

Product Description **WIKA Industrial Thermometers**

Type **G3200, W3201, G3210, W3211, G3220, W3221**  
**including protection pockets**

Environmental Category **H**

Technical Data /  
Range of Application

Ranges: **- 60° C up to 650° C**

Columns (filling): **organic liquid or mercury**

Material: **2.0401, 2.0460, 1.0718, 1.4571**  
**and special materials**

Thread connections: **G1/2, G3/4, M20x1.25, M20x1.5**  
**M22x1.5, M27x2, M24x2 and special threads**

Immersion tube length: **L1 = 30 mm up to 250 mm**

Vibration test: **characteristic curve 3, acceleration = 5 g**

Test Standard **Guidelines for the Performance of Type Approvals, Chapter 2, Edition 2003**

Documents **Drawing no. 6a/3112, 6a/3113, 6a/3114, 6a/4939, 6a/4940, 6a/4941 (dated 16.01.04);**  
**Test report : BMP-GL01 dated 13.09.94;**  
**WIKA Data sheet TM 32.02 dated 10/2005.**

Remarks **None**

Valid until **2014-03-08**

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File No. **I.D.02**

Hamburg, **2009-06-03**

Type Approval Symbol



**Germanischer Lloyd**

Jürgen Wittburg

Günter Demmig