

# TYPE APPROVAL CERTIFICATE

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

Certificate No. **11 237 - 97 HH**

Company **B+B Thermo-Technik GmbH**  
**Heinrich-Hertz-Straße 4**  
**78166 Donaueschingen, GERMANY**

Product Description **Screw-in Resistance Thermometer**

Type **0627 0045, 0627 0045-10, 0627 0045-20, 0627 0045-21**

Environmental Category **C**

Technical Data /  
Range of Application **Max. measuring temperature: 90° C**  
**Max. ambient temperature: 50 °C**  
**Measuring sensor: 1xPt 100 - 2 wires (...0045)**  
**1xPt 100 - 3 wires (...0045-10)**  
**2xPt 100 - 2x2 wires (...0045-20, ...0045-21)**  
**Insert length: 19,5 mm**  
**Screw-in thread: G 1/2**  
**Connected cable length: 3 m (screened)**  
**Degree of protection: IP 54**  
**Time constant: T 0.5 = 5 s, T 0.9 = 15 s**

Test Standard **Guidelines for the Performance of Type Approvals, Chapter 2- Test Requirements for Electrical / Electronic Equipment and Systems (VI-7-2), Edition 2003**

Documents **Drawing no.: 0627 0045, 0627 0045-10, 0627 0045-20, 0627 0045-21 dated 19.11.2007 of B+B Thermo-Technik;**  
**Technical data sheet: Glass RTDs of H. Heinz-Meßwiderstände GmbH;**  
**Technical data sheet: no. R1501001 Rev. A of Omerin dated 09/11/2007**

Remarks **This certificate is issued on the basis of GL Guidelines for the Performance of Type Approvals, Chapter 1 - Procedure (VI-7-1), Edition 2007.**

Valid until **2017-11-13**

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

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Type Approval Symbol



**DNV GL**

  
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