



# 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. **94 277 - 10 HH**

Company **Gestra AG**  
**Münchener Straße 77**  
**28215 Bremen, GERMANY**

Product Description **Water Level Limiter**

Type **NRG 16-50S / NRS 1-50**

Environmental Category **C, EMC1**

Technical Data /  
Range of Application **NRG 16-50S (Level Electrode), NRS 1-50 (Level Switch)**  
**NRS 1-50 in conjunction with one or two NRG 16-50S is applicable as a water level limiter for use in water steam boilers**  
**Power supply: 24V DC or 100-240V AC**  
**Stand-by input: 1x 24V DC for monitoring the bypass time**  
**Safety output: 2x pot.-free make contacts , 24V DC - 250V AC (max. 6A)**  
**Signal output: 2x pot.-free contacts for ext. signalling, 24V DC - 250V AC (max. 0.1A)**  
**Delay of response: 15 sec.**  
**Indicators: 2x red/green LEDs for indicating of the operating mode and alarms**  
**3x red LEDs for fault diagnosis**  
**Adjustors: 2x buttons for test and diagnosis**  
**Length of the level electrode: max 2000mm**  
**Connecting cable: to be GL type approved**  
**Requirement class: 3**

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

Documents **Test reports: BFSV no. UB 6805/09 (14.08.2009); GESTRA no. 2009-G 30-02 (2009.09.03); EMV Services no. 09/9006-1 (2009.02.11), no. 09/9006-2 (2009.02.11)**  
**TÜV Süd IS Report no C-W 1417-00/09 (2009.08.14); User Manual 808835-00**  
**Software Documents No: 307289-05, 307311-04, 307327-04, 307304-06**

Remarks **None**

Valid until **2015-05-19**

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Type Approval Symbol



Matthias Wiese

Dariusz Lesniewski

**Germanischer Lloyd**