

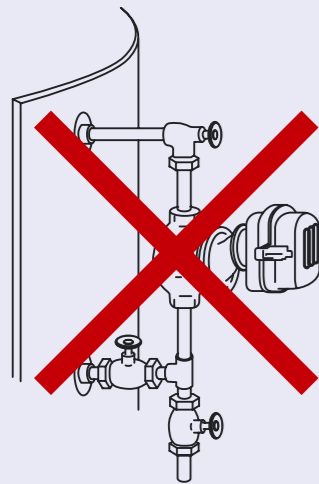
Specifications – NRGs 15-1

PN 25 / G 1"
 1st and 2nd low-level alarm
 High-level alarm
 Level control
 Material: stainless steel
 Power supply: 115/230 VAC
 Length supplied: 1000 mm



The Benefits of the New GESTRA Level Control Electrode

- ▶ Clear visual indication
- ▶ Reduced cost
- ▶ Enhanced safety
- ▶ No maintenance required
- ▶ Simple installation
- ▶ No moving parts
- ▶ Redundancy of tips and relays
- ▶ Same unit for various applications and voltages
- ▶ Prolonged life and operation time
- ▶ Stainless steel body & tips
- ▶ Includes testing features and interlock
- ▶ Extended pressure rating PN 25 / Class 250



In Germany, these float devices were already superseded during the 1970s by electrode systems, which have ensured greater safety and plant availability ever since.



Flow Control Division

GESTRA Steam Systems



Flow Control Division
 GESTRA Steam Systems



Greater boiler safety
 through new floatless technology

See also our brochure
 "Equipment for Energy Supply Centres".
 Visit our homepage: www.gestra.de

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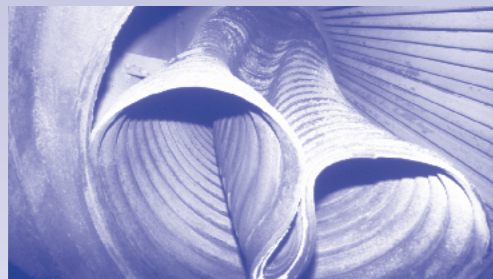
GESTRA
 New Level Control Electrode NRGs 15-1

Analyses of the VDTÜV file on the cause of failures relating to low-level limiters yielded disturbing results: almost every major case of boiler damage was caused by the presence of float-controlled devices. After only average periods of operation, these units became clogged up or jammed, and many were already faulty or malfunctioning before initial start-up. This usually resulted in massive boiler damage within the plant, often combined with injury to persons and serious capital losses through production outages.

Leading engineers in the field of boiler technology therefore recommend the exclusive use of electronic monitoring units,

Protect yourself, your staff and your plant

which exhibit almost no defects in comparison with their mechanical counterparts. Make the most of all the technical possibilities at your disposal. Protect yourself, your staff and your plant by installing the new GESTRA level control electrode NRGs 15-1.



A classic case of boiler damage, caused by the use of a low-level alarm operating with a float.

New Level Control Electrode NRGs 15-1

One sensor, five functions:

1. High-level alarm
2. Pump off
3. Pump on
4. First low-level alarm
5. Second low-level alarm

