

## Robust and reliable – the new continuous blowdown control system for industrial steam boilers

Concentrated dissolved and insoluble substances in industrial steam boilers frequently cause deposits on the active measuring surfaces of the electrodes, thus corrupting the measurement values. To minimize this source of error, GESTRA engineers have developed a new four-pole conductivity measuring cell that compensates for polarization effects and fouling. This innovative device gives the plant operator very precise measurement results over a long period of time.

The conductivity measurement is performed with integrated temperature compensation using a built-in Pt1000 sensor. The four-pole conductivity electrode is offered to meet our proven concepts both as a SPECTORbus and a SPECTORcompact variant, and can be used for boilers with continuous monitoring as well as in 72h operation without constant supervision (TRD 604). The conductivity electrode is designed for the pressure rating PN 40 and covers the measuring range 100 – 10,000 mS/cm.

Not only has the type and function of the electrode been approved by TÜV Süd, it was also subjected to a long-term test by a leading boiler manufacturer. We will be pleased to send you a detail test report.

**Contact us today for further details!**



*Four-pole conductivity electrode,  
type LRGT 16-2*

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**GESTRA – the steam experts**

**QUKO GROUP**

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Interested? Ask our QUKO Marketing

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