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## **Innovative limit value displaying simplifies process monitoring**

### **LiquiSonic® becomes more user-friendly and intuitive**

For concentration and density measurement in process liquids by sonic velocity, LiquiSonic® systems are successfully used worldwide since more than 25 years. With the limit value displaying SensoTech GmbH continues optimizing the controller of the LiquiSonic® product line.

In addition to the numeric concentration, density and temperature displaying, the visualizing of limit value ranges is available from now on. That simplifies the monitoring of an approximation to critical values. Users can identify the segment in the measuring range where the current value is settled on and get an overview quickly. When approximating the borders of the measuring range, the arrow turns into yellow signaling a warning. A range excess is shown by a red arrow. The LiquiSonic® controller display allows up to three value ranges at the same time. This applies for each one of the up to four sensors, which can be connected to a control unit. Another benefit is the customizability of the measuring ranges. By using the intuitive menu, every critical value can be adjusted separately.

Of course, an automatic reaction of the LiquiSonic® system to the approximation or excess of the limit values to the process control system, i.e. via Profibus, is possible. This allows users to react to process changes completely automatic and in a matter of seconds what causes more safety and an optimal process control. Additionally, the digital outputs of the controller can be used to address optical warning signals in the production hall entirely automatic.

The new limit value displaying does not influence any of the other functions of the LiquiSonic® controller. It is a very useful supplement, makes the LiquiSonic® system more intuitive and creates added value in the process.

Further information is available on [www.sensotech.com](http://www.sensotech.com).

Image subtitle: The innovative limit value display of the LiquiSonic® controller

Attachment

Image file: LiquiSonic\_limit\_value\_display.jpg

**P R E S S   R E L E A S E**

## SensoTech:

For more than 25 years SensoTech has been focused on the development, manufacturing and sales of inline analysis systems for process liquids. With worldwide installed, highly precise and innovative measuring systems for monitoring of concentrations, compositions and reactions directly in the process, SensoTech has significantly contributed to the enhancement of the state of the art. In addition to the measurement of concentration and density, the phase interface detection as well as the monitoring of chemical reactions like polymerization and crystallization are typical applications. SensoTech inline analyzers set standards in the technological and qualitative valence, user friendliness and reproducibility of process values. Special calculation methods and sophisticated sensor technologies enable reliable and precise measuring results even under difficult process conditions. The knowledge and experience of highly motivated and committed SensoTech staff are the result of various applications with well-known customers from the chemical and pharmaceutical industry, food technology, semiconductor technology, automotive and metal industry as well as many other industries. In addition, this experience also opens up unimagined solution possibilities for new measuring challenges.

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