

## Industry Sector

## Division Industry Automation

For the Trade Press

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### **Vibratory switches for liquid media**

The new Sitrans LVL100 and LVL200 vibratory switches from the Siemens Industry Automation Division are suitable for signaling when the level of liquid media is sufficiently high, liquid media is required or needs to be refilled, and for protecting pumps. The compact and user-friendly switches measure reliably even if the conditions change, for example variations in the dielectric permittivity of a medium or the formation of vapor or bubbles. Sitrans LVL100 and Sitrans LVL200 are used in storage and process applications and can be connected to any signaling systems. The vibratory switches are insensitive to external vibrations, and have a particularly long service life. Both switches are equipped with a special, extremely reliable piezo actuator, and are also suitable for high temperatures. If the electronics detects damage or corrosion, the fail-safe switches trigger an alarm.

Sitran LVL100 is suitable for applications where space is limited, for pressure vessels, and for protection against running dry. Due to its compact design, the switch can be mounted vertically, horizontally or inclined. It is suitable for all pipelines with a nominal diameter of DN25 and above. In compliance with SIL2, Sitran LVL200 has a safety shutdown for detection of minimum/maximum levels. The new vibratory switch operates extremely reliably even at high process temperatures up to 250 degrees Celsius.

You can find further information on the Internet at: [www.siemens.com/level](http://www.siemens.com/level)

This press release is supplemented by a picture which you can find on the Internet at: [www.siemens.com/ad-picture/1634](http://www.siemens.com/ad-picture/1634)

You can also find this text on the Internet at: [www.siemens.com/automation/press](http://www.siemens.com/automation/press)

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The Sitrans LVL100 and LVL200 vibratory switches are suitable for signaling when the level of liquid media is sufficiently high, more liquid media is required or needs to be refilled, and for protecting pumps. The compact and user-friendly switches measure reliably even if the conditions change, for example variations in the dielectric permittivity of a medium or the formation of vapor or bubbles. Sitrans LVL100 and Sitrans LVL200 are used in storage and process applications and can be connected to any signaling systems.

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