

# Press Release

## CleverLevel level switch with IO-Link for central configuration

(November 15, 2017) Baumer is pleased to announce the immediate availability of LBFH and LBF1 level switches with IO-Link and ATEX approval. The IO-Link interface allows the user to automate the configuration of sensors. The inclusion of ATEX also enables the use of commercially available barriers. The sensors are suitable for hygienic and industrial applications.



Thanks to IO-Link integration, the level switches are Industry 4.0-ready. The communication interface enables each application to be configured quickly and easily using standard network components. This ensures error-free duplication of the system and device replacement without the need for additional programming, thereby saving time. Diagnostic data can be called up and evaluated at any time, which increases system availability.

Just like their predecessors, LBFH and LBF1 level switches meet the criteria for ATEX categories 1 and 2 for gas and dust. The reduced current consumption of their more advanced electronics means that commercially-available standard barriers can now be used in addition to the Baumer barriers. This increases flexibility in terms of integration even in existing plants, and reduces installation costs.

Two switching outputs make it possible to set independent trigger thresholds. This means two different process steps, such as production and cleaning, or two media groups, such as water and oil, can be monitored with one sensor. Additionally, the two switching outputs facilitate a plausibility check of the sensor. Complementary trigger point setting ensures wire breaks are reliably detected, thus guaranteeing effective monitoring of all programs.

Both variants are suitable for use in temperatures up to 135 °C while the variant for hygiene applications also has SIP capabilities.

More information at: [www.baumer.com/CleverLevel](http://www.baumer.com/CleverLevel)

**Baumer at the SPS IPC Drives: Hall 4A, Stand 335**

Fig.: CleverLevel level switch with IO-Link enables seamless communication and continuous automation.

Number of characters (with spaces): approx. 1870

Text and picture download at: [www.baumer.com/press](http://www.baumer.com/press)

**Baumer Group**

The Baumer Group is one of the worldwide leading manufacturers of sensors, encoders, measuring instruments and components for automated image processing. Baumer combines innovative technologies and customer-oriented service into intelligent solutions for factory and process automation and offers an unrivalled wide technology and product portfolio. With around 2,400 employees and 38 subsidiaries in 19 countries, the family-owned group of companies is always close to the customer. Baumer provides clients in most diverse industries with vital benefits and measurable added value by worldwide consistent high quality standards and outstanding innovative potential. Learn more at [www.baumer.com](http://www.baumer.com) on the internet.

**Press contact:**

Martina Mergl  
Marketing Manager Process Sensors  
Baumer Electric AG  
Phone +41 52 728 1760  
Fax +41 52 728 1727  
[mmergl@baumer.com](mailto:mmergl@baumer.com)  
[www.baumer.com](http://www.baumer.com)

**Company contact global:**

Baumer Group  
Phone +41 (0)52 728 11 22  
Fax +41 (0)52 728 11 44  
[sales@baumer.com](mailto:sales@baumer.com)  
[www.baumer.com](http://www.baumer.com)