

# *CleverLevel*<sup>®</sup> LBFH

Stay smart on level with hygienic applications.



# Product overview *CleverLevel*<sup>®</sup> LBFH

Features	Industries	Process connections	Wetted material	Process conditions
Compact level switch Low-invasive Two switching outputs 100 mA current load Bright LED visible through 360 ° Fast response time No moving parts	Food & Beverage Pharmaceutical Chemistry	G1/2B hygienic BCID: A03	PEEK	-40 ... +115 °C 10 bar max. +135 °C max. 5 bar max. (t < 1 h)

Housing	Compliance/ approvals	Electrical connection and output signal	Interfaces	Product-specific information
Stainless steel IP 67 IP 69K	3-A EHEDG EU 1935/2004, 10/2011, 2023/2006	M12, 4 Pin, Polycarbonat PNP NPN Digital (push-pull)	<i>qTeach</i> <sup>®</sup> FlexProgrammer 9701	Default settings Customized configuration

## *CleverLevel*<sup>®</sup> LBFH switch.

LBFH is a versatile level switch based on frequency sweep technology. Thanks to the specialized design and high-end materials such as stainless steel and PEEK, the sensor meets the highest demands in hygienic applications. Not integrating any vibrating parts, LBFH is not affected by changing media or process parameters.



### Your benefits

- Compared to conventional vibrating forks, the sensor is extremely low-invasive and hardly influence the processing flow. This ensures precise measuring operations and simplifies cleaning.
- Two switching outputs enable configuration of two trigger thresholds. This allows for two media or process steps – for example production and cleaning – to be reliably monitored with a single sensor.
- The multicolor LED visible from all around acts as switching state indicator for convenient process control.
- The convenient *qTeach*<sup>®</sup> feature provides significant benefits in small-sized facilities and less sophisticated master controls. A touch with any ferromagnetic tool will do for sensor configuration, which allows for immediate on-site adaptation to quickly changing process requirements.

*CleverLevel*<sup>®</sup> LBFH fulfills the requirements of 3-A Sanitary Standard, is FDA homologated and compliant to EU directives 1935/2004, 10/2011 and 2023/2006.



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For more information about our *CleverLevel*<sup>®</sup> LBFH sensors go to [www.baumer.com/CleverLevel](http://www.baumer.com/CleverLevel)

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