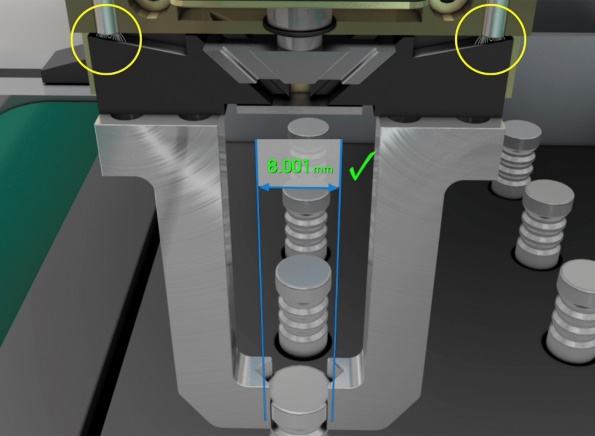
# Press Release

**Smart Gripping – digitalization begins with the sensor**

****(08/27/2019) In the modern production environment, sensors not only give the machine "senses", they also generate valuable data that can be used to significantly improve processes and usability. The example of "smart gripping" is a simple illustration of this: pneumatic grippers are used in large quantities for manipulating and handling workpieces. Standard sensors on the gripper only detect the mechanical end stops, the states "open" and "closed".

With the help of high-precision, measuring inductive sensors from Baumer, significant added value can be generated here: all states can now be precisely reported. By measuring the jaw position, the gripped workpiece can now be simultaneously checked for dimensional accuracy. In addition, sensor data can be output via an IO-Link interface, which provides information on the sensor status and maintenance cycles. The gripper becomes "smart" and can now be integrated into networked system concepts.

Further information: [www.baumer.com/robotics](http://www.baumer.com/robotics)

At the Motek trade fair from 07 - 10 October 2019 in Stuttgart, Baumer will present sensor solutions in the field of end-of-arm tooling and feeding technology. The Baumer experts are looking forward to meeting you in hall 5 at booth 5330.

Photo: Through secondary functions and additional data from Baumer sensors with IO-Link to Smart Gripping.

Number of characters (with spaces): approx. 1290

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 2,700 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.

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