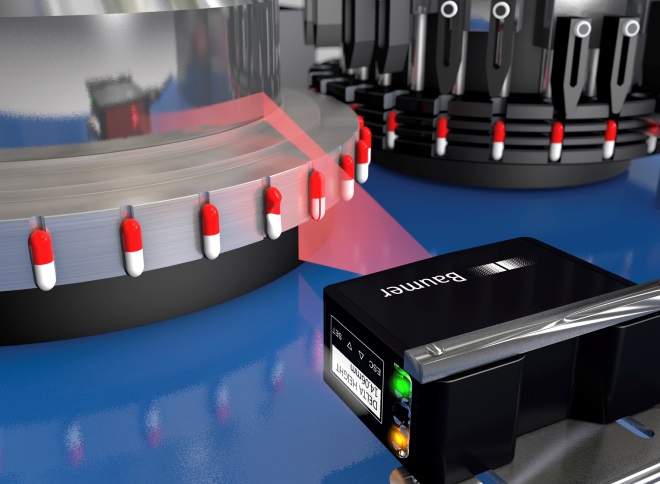
# Press Release

**Innovation in Part Inspection: *PosCon* Light Section Sensors from Baumer**

(02.05.2017) Progressive digitization and the trend towards individualized products also require solutions that are flexible and as automated as possible, even in the part inspection area. When it comes to checking whether certain production parameters lie within specified threshold values, Baumer with its *PosCon* light section sensors is offering an interesting alternative to conventional profile sensors or complex 3D laser scanners. The *PosCon* sensors are smart, preconfigured profile sensors that are especially adapted to applications such as measuring object edges, widths, heights, or round objects. *PosCon* sensors provide precise measurement results for direct evaluations without complex data clouds or expensive external evaluation software.

*PosCon* sensors work without a reflector and can be put into operation quickly thanks to the visible laser line and optically aligned axis. After installation, predefined measuring functions mean that only a few parameters need to be configured to achieve precise measurement results. Another advantage of the sensors is that the measuring values are output directly in millimeters. The values can be further processed immediately in the control system. Thanks to their intelligent analysis, not only do the *PosCon* sensors enable the efficient measurement of preformed parts or the precise positioning of tools or robots, they also implement efficient check-and-sort functions based on threshold value comparisons.

Today, the areas of application primarily focus on the automotive area as well as the metal and plastic processing industries. Furthermore, the *PosCon* sensors with their check-and-sort applications can also be used in the packaging and pharmaceutical industries. Of course, they are suitable for all other industries as well. The reasonable procurement and maintenance costs mean that quality is possible and affordable in many areas of the part inspection process.

More information at: www.baumer.com/quality-control

Photo: *PosCon* light section sensors – the smart profile sensors with preconfigured measuring modes

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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.

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