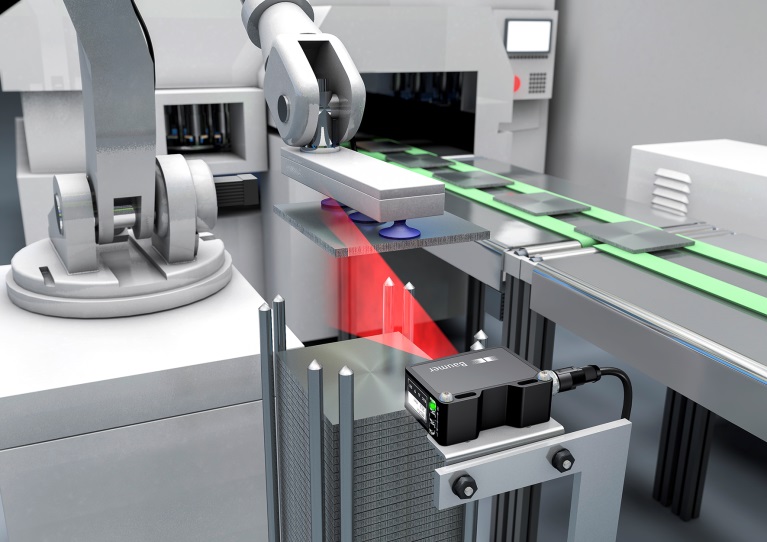
# Press Release

**Smart Measuring of Sheet Thicknesses and Rubber Belts with *PosCon 3D* light section sensor**

(18/06/2017) Measuring edge positions, object or column widths are important tasks in the part inspection process. With its innovative *PosCon* *3D* light section sensors, Baumer is offering a simple and cost-effective alternative to complex laser measuring systems. The sensors are smart, preconfigured profile sensors which, based on the light section principle, make complex measurements easy. The objects are measured independently of their color, surfaces, and out-of-round. The *PosCon* sensors can be mounted at an arbitrary inclination up to ±30° in relation to the standard installation and do not require a reflector. In this way, they can even be optimally installed in restricted spaces.

The *PosCon* *3D* is used in many applications in everyday industrial use. One example is the efficient determination of sheet thicknesses during in-line quality control for material infeed. The sensor performs a reliable, automated comparison with tolerance threshold values even at fast transport speeds. Sheet that does not meet the specifications is immediately identified and discarded. This avoids expensive rework or even the subsequent replacement of defective products. Direct double sheet control reduces production standstills and prevents damages to the tool when the sheet is further processed.

Thanks to specific algorithms, the *PosCon* *3D* also measures precisely on very dark surfaces made of highly absorbent materials such as rubber. This makes it the optimal tool for the tire industry. Tolerance checks for black rubber belts with steel mesh are one area of application. Efficient measuring without any complex programming enables swift further processing as a result of immediate evaluations of the measuring results.

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

Phot: Intelligent edge position measurement on black rubber with *PosCon 3D*

Number of characters (with spaces): approx. 1.867

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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