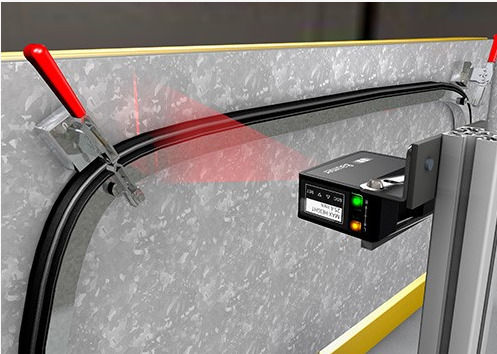
# Press Release

**Quality control of rubber seals on the basis of height measurements**

(01.04.2017) The measurement of object height is an important aspect in quality control applications. With the *PosCon* *HM* light-section sensor, Baumer offers a unique, compact measuring device for this kind of tasks. The smart, pre-configured profile sensor offers five measurement modes for different measurement tasks. An exact positioning of the measured objects is not required. The *PosCon* *HM* provides reliable measurements even on shiny and very dark surfaces. In conjunction with its high measuring accuracy of up to 2 μm, it is suitable for a large number of applications in at-line, off-line and in-line control.

One example is the inspection of black rubber seals for side windows in the automobile industry. In this case, random samples are tested off-line on a special test bench. The seals are fitted into special mounts on a measuring setup. The forms and the curves of the seal may vary, but they must not exceed special limit values. The challenge for the sensors is not only the form, or, to be more precise, the curves, but also the black, light-absorbing material. In the *PosCon HM*, powerful algorithms analyze up to 600 items of height information per measurement and determine the maximum height of the object, irrespective of its position. Only the *PosCon HM* makes it possible to carry out this measurement, and it supplies precise, reliable measurement results with a measuring rate of up to 1540 Hz.

The *PosCon HM* is also the ideal measuring tool for the inspection of metallic, glossy preformed parts, for example the inspection of car doors. The sensors can check the correct form of the car door, for example, by performing measurements at numerous test points. The sensors can also be mounted close beside each other without influencing each other. The *PosCon HM* provides the measured values directly in mm, thus allowing an immediate OK/Not OK check for each test point.

Further information: www.baumer.com/posconhm

Photo: Smart at-Line quality control of rubber seals with *PosCon* *HM*

Number of characters (with spaces): approx. 2.005

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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