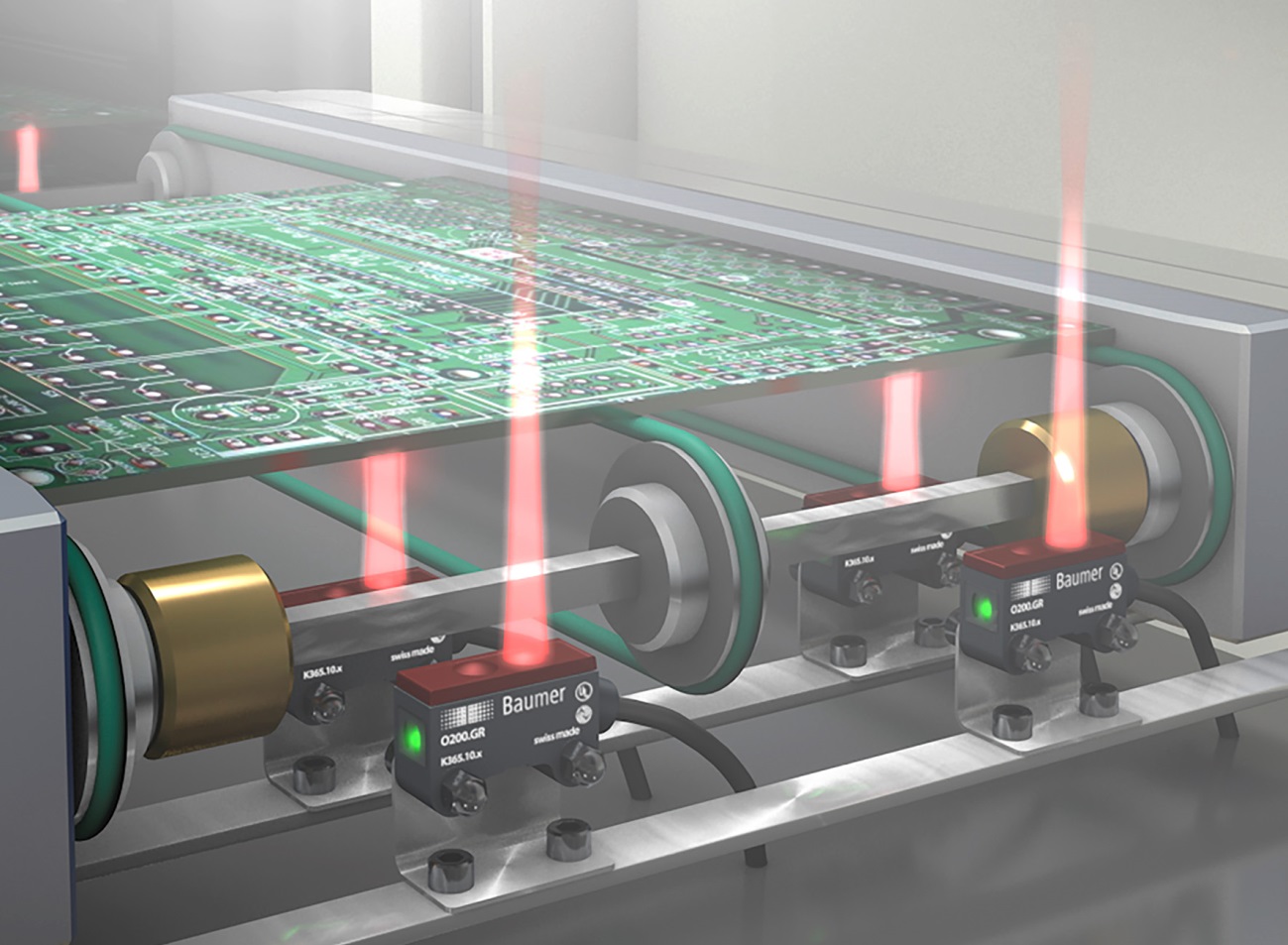
# Press Release

**Best-in-class background suppression in miniature format**



(05.07.2019) With its O200 photoelectric miniature sensors, Baumer offers a new dimension in terms of reliability, speed and range for confined machine installation spaces. Thanks to their increased functional reserves, the O200 diffuse sensors with background suppression are the only ones with up to 120 mm sensing distance even on darkest and shiny objects such as mobile phone housings. Diffuse sensors with background suppression not only measure the light intensity reflected by the target, but also determine the distance of the object from the sensor. In this way, objects located within the adjustable sensing distance can be detected regardless of their color and surface. The O200 sensors are immune against ambient light sources such as LEDs, camera flashes or the light of other sensors. The short response time of 0.25 ms will remain even when exposed to interference, reason why the sensors ensure extremely fast and precise position detection even on miniature objects down to 0.25 mm. For additional functional reserve, the O200 High-Power mode can be activated via IO-Link.

Further information: [www.baumer.com/o200](http://www.baumer.com/o200)

Photo: O200 miniature sensors with integrated beam path and optical axis aligned by design

Number of characters (with spaces): approx. 1.150

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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