# Press Release

**Reliable in the long term - non-contact hand detection in automatic sanitizers**

 (16.06.2020) Everybody knows them, and right now they are more in use than ever: automatic hand sanitizers. Inside, optical miniature sensors with background suppression from Baumer ensure reliable and safe hand detection at switching distances from 15 to 300 mm, at any angle of incidence and even when the viewing window is soiled. And all this for the entire device lifetime. Adjustable switching delays also prevent multiple or unwanted spray bursts. Thanks to the high immunity to ambient light, there are no restrictions to the sensor functions even in very bright environments.

Integration into the dispenser housing is made easy by the large variety of compact sensor designs. For example, further to the cylindrical OR18 sensors with M18 thread, the rectangular miniature housings of the O200 and O300 series are available with robust M3 threaded sleeves or spacer sleeves. The switching distance can be easily and reproducibly adjusted to individual conditions. Optional variants with fix ranges are available ready-to-use. The main benefit of Baumer miniature sensors: switching distance with lifetime safety.

Learn more: www.baumer.com

Photo: Small, compact and absolutely reliable optical miniature sensors in various designs for automatic sanitizer systems from Baumer

Number of characters (with spaces): approx. 1.243

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 39 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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