# Press Release

**Detects any object even from a distance: Reliable detection with the new optical sensors OT300 and OT500**

(04.03.2022) Baumer adds new OT300 and OT500 sensors to their portfolio of photoelectric sensors. The sensors offer a large detection range of up to 2.6 m thanks to time-of-flight measurement. Independent of the angle of installation, the sensors will reliably detect objects, even with a demanding surface. Due to the compact design, 3D CAD data with integrated beam path and standardized IO-Link interface they easily integrate and enable convenient parameterization.

**The plus in reliability**

Shiny, reflective, irregular or ultra-black objects, such as car body parts or wafers with anti-reflective coatings pose real challenges to optical sensors in terms of detection reliability. But the new OT300 and OT500 photoelectric sensors and switches are different. They reliably detect difficult objects within a large sensing distance ranging up to 2.6 m for OT500. Same applies to compact OT300 for tight installation space featuring a sensing range up to 1.8 m.

**Easy integration and parameterization**

Whether in the automotive industry, in the intralogistics or semiconductor business - "time is money" when it comes to commissioning of machines and systems. For this reason Baumer attaches great importance to easy sensor integration and parameterization capabilities. This is supported by 3D CAD data with integrated beam path and the beam being aligned to the mounting holes component tolerance compensation (qTarget), convenient teaching via qTeach and the standardized IO-Link interface with Smart Sensor Profile (DMSS). Latter allows users intuitive parameterization using the Baumer Sensor Suite and improves process transparency thanks to secondary sensor data.

Further information: www.baumer.com/c/44948

Photo: The new photoelectric sensors OT300 and OT500 combine a large detection range with reliable object detection even on challenging surfaces.

Number of characters (with spaces): approx. 1772

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 2700 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 on the internet. |

|  |  |
| --- | --- |
| **Press contact:**  Marketing  Baumer Group  press@baumer.com  [www.baumer.com](http://www.baumer.com/) | **Company contact global:**  Baumer Group  Phone +41 (0)52 728 11 22  Fax +41 (0)52 728 11 44  sales@baumer.com  [www.baumer.com](http://www.baumer.com) |