

PRESSEINFORMATION PRESS RELEASE COMMUNiqué DE PRESSE

BALLUFF

Detection and monitoring

Intelligent sensor, many additional features: new product family by Balluff

The smart photoelectric sensors BOS R254K are mainly used in challenging applications. Plant operators benefit from condition monitoring features, among other things, reducing costs and increasing plant availability.

In the food and beverage as well as the packaging industry, the new Balluff sensor product range, which comes with an IO-Link interface, precisely captures bottles, containers, and pallets—even in case of regular cleaning with aggressive agents and high pressure. BOS R254K passes the cleaning cycle in accordance with the high Balluff standard, and is thus resistant to, for example, cleaning agents, humidity, or strong vibrations. Thanks to the IP67 and IP69K protection classes, the sensors are ideal for critical applications and harsh ambient conditions—including the area of factory automation and wherever the continuous availability of equipment is crucial.

"BOS R254K is characterized by numerous additional features that guarantee sophisticated object detection with different operating modes—for particularly fast processes, large ranges or transparent objects," says Product Manager Rolf Rössler. This includes, for example, time and counting functions or a dynamic switching threshold variation. With additional condition monitoring features, the smart sensor monitors its own as well as the ambient temperature, humidity, vibration, inclination, contamination, or function reserve, delivering helpful diagnostic data about potential extremes. "In packaging and logistics, users can detect deviations in good time and obtain valuable information about the place of use and application," says Rössler. "This also means that the respective equipment will be available longer."

The new sensor family by Balluff is part of the Smart Automation and Monitoring System (SAMS), which, with its continuous capturing of condition data, represents the comprehensive automation philosophy of the company based in Neuhausen auf den Fildern, Germany. With a wide range of additional features, the system includes intelligent sensors and devices that can be individually programmed, configured, and universally attached to machines. It also includes a uniform and standardized operating, configuration, and diagnostic concept.

Photoelectric Sensors

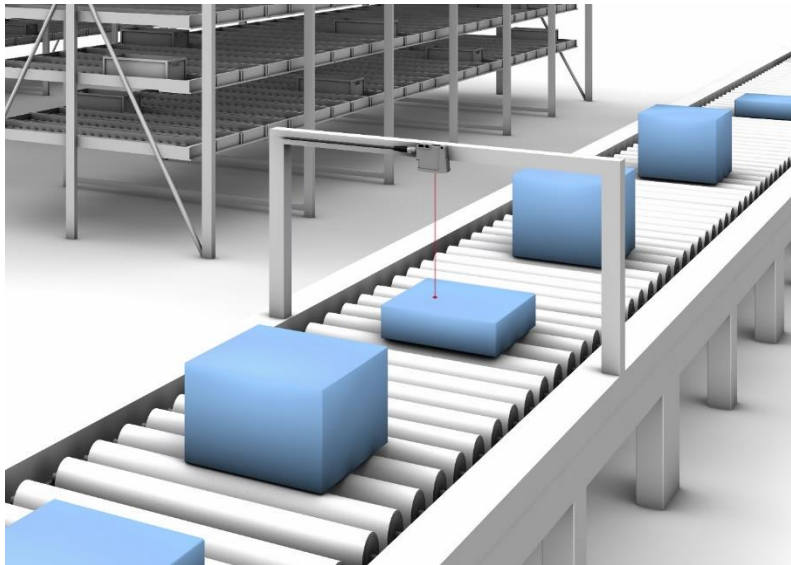
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Caption:

In the packaging sector, among others, the new Balluff sensor family with IO-Link interface increases equipment availability. Thanks to the IP67 and IP69K protection classes, this even includes critical applications and harsh ambient conditions.



Caption:

BOS R254K is characterized by numerous additional features and thus guarantees a sophisticated object detection, for example for particularly fast processes, large ranges, or transparent objects.

Meta Description:

The new photoelectric BOS R254K sensors reliably detect objects even under harsh ambient conditions in the packaging or the food and beverage industry. With condition monitoring functionalities, the sensor monitors itself and its surroundings.

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About the company Balluff

Founded in 1921 in Neuhausen a. d. F., Balluff stands with its 3600 employees worldwide for innovative technology, quality and cross-industry experience in industrial automation. As a leading sensor and automation specialist, the fourth-generation family-owned company offers a comprehensive portfolio of high-quality sensor, identification and image processing solutions, including network technology and software. In 2021, the Balluff Group recorded sales of approximately 504 million euros. In addition to its central headquarters in Neuhausen a. d. F., Balluff has sales, production and development sites in 61 countries, represented by 37 subsidiaries and other representatives. This guarantees customers worldwide availability of high-quality products and exceptional advice and service directly on site.

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