

PRESSEINFORMATION PRESS RELEASE COMMUNIQUÉ DE PRESSE

BALLUFF

Energy and data transfer

Reliable even under harsh conditions: new inductive couplers with IO-Link by Balluff

In areas with high hygienic standards, a regular washdown is an important requirement: With the new BIC G30 inductive couplers, Balluff is therefore adding a particularly robust variant to its portfolio, with the new couplers continuing to impress with transparent IO-Link communication.

Contactless energy transmission, fast data transfer, reliable condition monitoring: inductive coupling systems are indispensable in many applications today and are the ideal choice when a fixed wiring of sensors and actuators interferes or is prone to wear.

Balluff is now expanding its portfolio to include the new BIC G30 inductive couplers so that customers also benefit from these advantages under harsh conditions, for example in the food and beverage industry. "These inductive couplers are particularly suitable for washdown applications with especially high hygienic requirements," says Balluff product manager Leonard Kaufmann. One of the reasons for this is an extended operating temperature range from -25°C to +85°C. Other features include a robust stainless-steel housing that meets the requirements of protection class IP69K, as well as Ecolab and UL approval. "Users also have the option to contactlessly transmit up to 2 amps of continuous output current," Kaufmann adds.

The new BIC G30 inductive couplers follow the BIC M30 couplers that Balluff launched last year, which are used primarily in applications in robotics to control gripper arms or in flexible production islands and packaging machines. The integrated vibration detection is particularly suitable for the early detection of anomalies in the production process.

"Thanks to the IO-Link interface, both variants guarantee a smooth, transparent and very fast exchange of data between the IO-Link device and the IO-Link master, as well as the power supply for sensors and actuators," says Kaufmann. Another feature that makes Balluff's inductive couplers unique is the second IO-Link channel, which can be used for process and diagnostic data and thus for condition monitoring.

New inductive couplers by Balluff

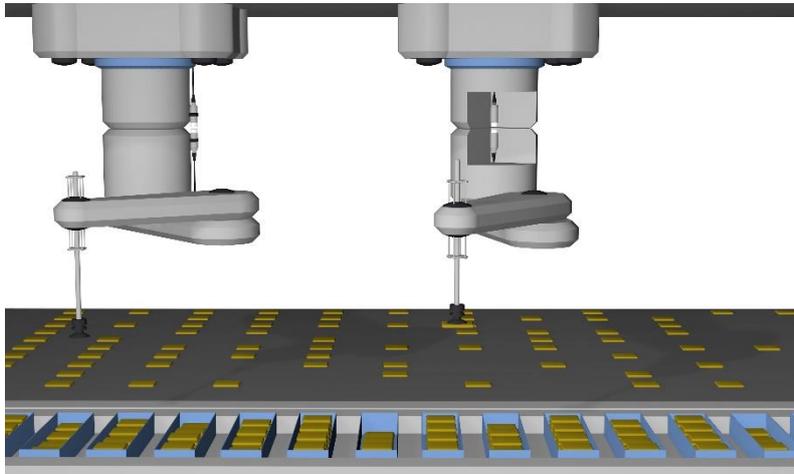
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Caption:

Inductive coupling systems are used when a fixed wiring of sensors and actuators interferes or is prone to wear. With BIC G30, customers also benefit from these advantages under harsh conditions where high hygienic requirements apply—for example in the food and beverage industry.

Meta-Description:

With its new BIC G30 inductive couplers, Balluff is expanding its portfolio to include a particularly robust variant. Thanks to the IO-Link interface, this continues to guarantee a smooth, transparent and very fast exchange. In the food and beverage industry, among others, it is particularly suitable for washdown applications with especially high hygienic requirements.

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.