

PRESSEINFORMATION PRESS RELEASE COMMUNiqué DE PRESSE

BALLUFF

Energy and data transmission

Powerful and fast: new inductive couplers from Balluff with IO-Link.

Non-contact power transmission, fast data transfer and condition monitoring in one: the new BIC M30 inductive couplers from Balluff are particularly suitable for production lines where flexibility is required.

Inductive coupling systems are always used when a particularly large amount of power is transmitted. This is the case, for example, in robotics applications involving controlling gripper arms. "Inductive couplers are indispensable in many different applications today," says Balluff Product Manager Dr. László Herczeg.

The new BIC M30 inductive couplers from Balluff leave comparable models far behind in terms of performance. They can transmit up to 1.5 amps of continuous output. The energy is transmitted without contact. The IO-Link interface of the inductive couplers enables a frictionless, transparent, and very fast exchange of data between the IO-Link device and the IO-Link network module. "A unique feature is the second IO-Link channel, which can be used for process and diagnostic data and thus for condition monitoring," explains Herczeg.

With the compact stainless-steel housing in IP67 and UL certification, the inductive couplers can be used flexibly – for example in the packaging or automotive industries or on special machines. "The contactless energy transmission and transparent bi-directional COM2/COM3 IO-Link data transmission is particularly suitable for product lines where flexibility is required," says Herczeg. Thanks to their extended operating temperature range of -5 to +70 degrees Celsius and their robust stainless-steel housing, the inductive couplers can even cope with harsh environmental conditions.



Caption:

The new BIC M30 inductive couplers from Balluff can transmit up to 1.5 amps of continuous output current and enable fast exchange of data via IO-Link

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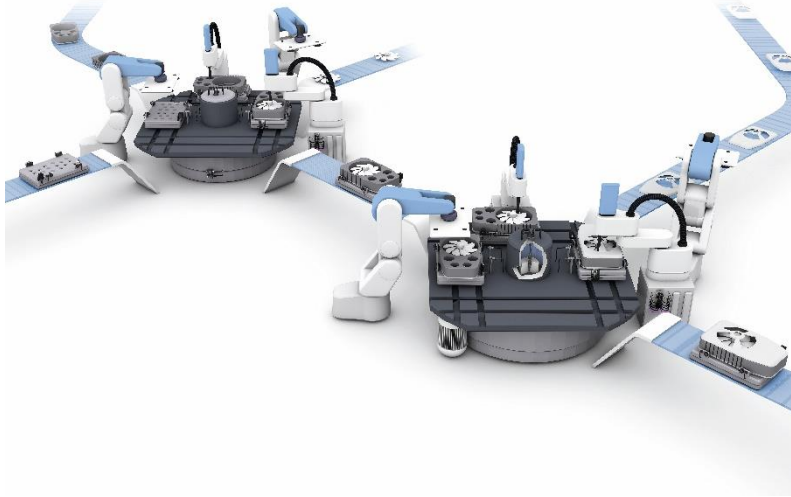
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Caption:

Inductive couplers are used in many different applications. They can be used flexibly – for example in the packaging or automotive industry or on special machines

Meta description:

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About the company Balluff

The success story of Balluff began exactly 100 years ago with the set up of a precision mechanics repair workshop in Neuhausen a. d. F. On the occasion of the 100-year anniversary, with 3600 employees worldwide, the global company stands for innovative technology, quality and cross-sector experience in industrial automation. As leading sensor and automation specialist, this family-owned company in its fourth generation offers a comprehensive portfolio of high-quality sensor, identification, network and software solutions. In 2019, the Balluff Group reported revenue of around EUR 469 million. With 38 subsidiaries and other representatives in a total of 68 countries, Balluff guarantees fast worldwide availability of the products and a high caliber of advice and service locally.

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