

IP67 Motor Control for Sorter Modules

TURCK's TBEN-LLx-4SLC controls up to four sorter lines for decentralized conveyor technology without a control cabinet

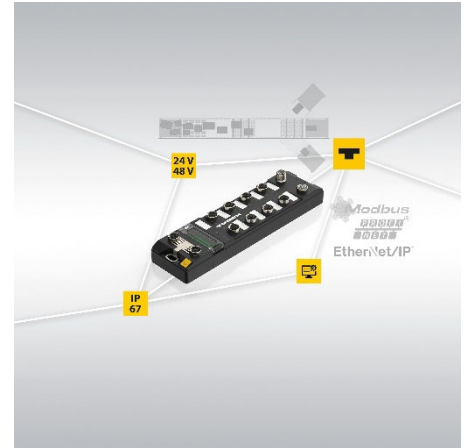
Mülheim, February 12, 2026 – TURCK is expanding its range of digital conveyor lines with a robust IP67 module for controlling up to four sorter lines from the manufacturer MTA. Each line can consist of an MTA swivel motor and/or an MTA multi-axis controller that controls up to twelve sorter motors. The TBEN-LLx-4SLC enables the direct integration of the sorter systems into Industrial Ethernet and reduces wiring costs thanks to switch cabinet-free installation directly on the conveyor technology module.

Users benefit from a robust design and easy integration into existing systems. Compared to central conveyor technology controls, the module enables decentralized architectures for better scalability and greater flexibility. Typical applications can be found in parcel sorting systems, distribution centers, or airport logistics.

The control module supports multi-protocol Ethernet (PROFINET, Ethernet/IP, Modbus TCP) and has an integrated web interface for configuration. Four digital inputs and four configurable digital inputs/outputs enable signals to be received and transmitted directly on the line. Power is supplied via M12 L-coded connectors, optionally up to 48 V for motor supply. Thanks to its encapsulated housing and protection ratings up to IP69K, the TBEN-LLx-4SLC is suitable for use in harsh environments. The integrated ARGEE logic allows special control routines to be configured directly on the module.

The product family includes variants for different pin assignments (LL and LLH) to ensure safe operation during daisy chaining. Both versions are available from stock.

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The robust TBEN-LLx-4SLC controls MTA sorting systems decentrally directly at the conveyor system

FURTHER INFORMATION

<https://www.turck.com/de/en/spotlight/product-news/ip67-motor-control-for-sorter-modules>

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