

Efficiency Line IO-Link hub for analog signals

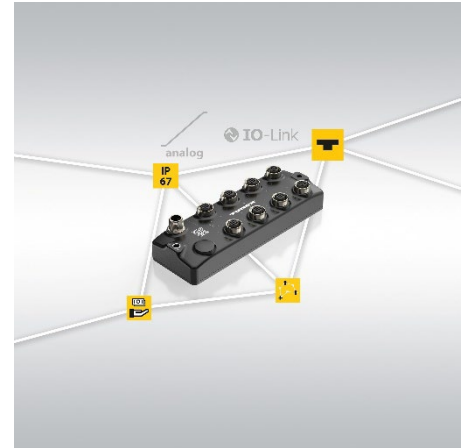
TURCK's TBIL-EMN-8AX offers eight universal channels for current and voltage and, thanks to its IP67 rating, can be mounted directly in the field

Mülheim, October 22, 2026 – TURCK is expanding its Efficiency Line with the TBIL-EMN-8AX IO-Link hub for analog signals. The eight universal channels can be configured as analog inputs for 0–10 V, 4–20 mA, or 0–25 mA; as analog outputs for ; or as digital inputs. A single module thus acquires and controls analog signals. Machine builders can standardize on a single device type, reducing development effort, spare parts requirements, and system costs.

The actuator meets IP67 protection standards and operates at temperatures ranging from -25 °C to 60 °C. It is installed directly in the field and does not require a control cabinet. The connections are designed as shielded metal connectors. This reduces cabling and installation effort, shortens commissioning time, and lays the foundation for modular machine designs.

With the TBIL-EMN-8AX and the TBEN-ELL-8IOLA and TBEN-ELAE-8IOLA masters, as well as the TBIL-EMN-16DIP and TBIL-EMN-16DXP digital hubs, analog requirements can now also be fully implemented using the TURCK Efficiency Line. Via the Class A IO-Link interface, an IO-Link master connects up to 64 analog channels per IP address. Applications include battery cell production, data centers, and intralogistics.

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TBIL-EMN-8AX: TURCK's Efficiency Line IO-Link hub with eight universal analog channels for field installation

FURTHER INFORMATION

<https://www.turck.com/de/en/spotlight/product-news/efficiency-line-io-link-hub-for-analog-signals>

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