# Block I/O in hygienic design for Food & Beverage

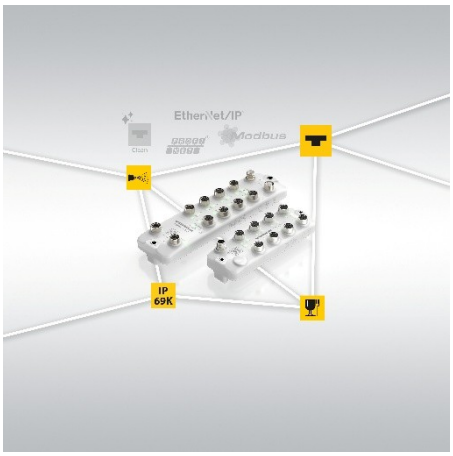
PRESS RELEASE 21/26

TURCK's TB Clean Line withstands washdown cleaning according to IP69K thanks to stainless steel connectors and Ecolab certification

Mülheim, November 12, 2026 – TURCK is expanding its block I/O portfolio with the TB Clean Line for the food, beverage, and pharmaceutical industries. The modules meet IP67 and IP69K protection ratings and are designed for washdown cleaning; their chemical resistance to cleaning agents has been tested. Stainless steel connectors, FDA-compliant materials, and Ecolab certification ensure compliance by design: machine builders save time and effort on machine-specific approvals.

The two-stage overmolded electronics are encased in FDA-compliant plastic. Rounded surfaces, spacers between the connector and the mounting surface, and the absence of viewing windows and rotary switches facilitate cleaning. All connectors feature stainless steel threads, and grounding is provided via a stainless steel pad. Blind plugs are available in FDA-compliant plastic or stainless steel. A laser-etched QR code with a product link and serial number replaces the adhesive label.

The TB Clean Line includes digital I/O modules, IO-Link masters, IO-Link hubs, and networking technology. The multi-protocol modules with a web interface are compatible with TBEN-L and TBIL for mounting. Matching F&B cables rated up to IP69K round out the offering. Process values and module data can be transmitted to IT and cloud systems via MQTT using TAS Edge, a module of the TURCK Automation Suite (TAS).




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TB Clean Line: Block I/O modules from TURCK with stainless steel connectors and IP69K rating for hygienic plant areas

FURTHER INFORMATION
https://www.turck.com/de/en/spotlight/product-news/block-i-o-in-hygienic-design-for-food-beverage

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