

Ethernet Spanner Connects Production Lines In the Field

Turck's new IP67 spanner I/O block module enables data exchange between two Ethernet networks directly at the machine connection points

Mülheim, October 19, 2017 – Turck's TBEN-LG-EN1 spanner is a block I/O module that enables communication between two different Ethernet networks directly in the field. The robust module with protection to IP65/IP67/IP69K features a glass fiber reinforced housing and fully potted module electronics. Thanks to its high degree of protection, the TBEN-LG-EN1 is the first spanner module that can be used directly in the field without the need for additional control cabinets. This benefits the user by eliminating the need for cables to the control cabinets and ensuring a straightforward installation. The bidirectional data exchange from master to master guarantees simple communication with controllers.

The TBEN-L spanner supports Turck's multiprotocol technology and thus enables communication in Ethernet/IP, Modbus TCP and Profinet networks. This also enables use as a protocol converter between Ethernet protocols. For an optimum connection between the different networks, two separate, electrically isolated Ethernet interfaces and the NAT (Network Address Translation) router function for up to five IP addresses.

Turck's new TBEN-L spanner is another tool in the automation specialist's Industry 4.0 offering. Instead of only enabling exchange between digital I/Os and mapping the data flow at a different location, the spanner enables data exchange, where it actually takes place: directly in the field.

PRESS RELEASE 17/17



Turck1717.jpg:

While Ethernet spanners have only been available up to now for the control cabinet, Turck's module is robust enough for use in the field

PRESS CONTACT

Klaus Albers
Director Marketing Services & Public Relations
Phone: +49 208 4952-149
Mail: klaus.albers@turck.com
Web: www.turck.com/press

CONTACT

Hans Turck GmbH & Co. KG
Witzlebenstraße 7
45472 Mülheim an der Ruhr, Germany
Mail: more@turck.com
Web: www.turck.com

Text and image can be downloaded at:
www.turck.com/press