**Sustainably manufactured in Europe and available for immediate delivery**

**tBL RJ45 keystone module by tde: Even higher quality, more durable and with shutter as dust protection**

**Dortmund/Germany, 20 September 2022. tde – trans data elektronik GmbH now offers customers a further developed and improved tBL RJ45 keystone module for the successful system solution tBL – tde Basic Link (TP): The module housing is made of nickel-plated die-cast zinc, meets the highest requirements for environmental compatibility, has a durable design and is protected against mechanical influences. For protection against dust, the module now also integrates a shutter made of transparent plastic. What remains unchanged – depending on the quality of the mounting and the cable – is the excellent performance with additional reserves as well as the time-saving and tool-less handling during mounting and cabling. The tBL RJ45 keystone module is manufactured in Europe, available from stock and can be delivered at any time.**As with all high-quality network components, tde as a premium supplier also relies on European manufacturing for the RJ45 Keystone module. This enables the network expert to ensure continuous supply chains and guarantee that no individual components are missing from tde's own production at the production site in the district of Osnabrück (Lower Saxony).

Complements *the tBL system solution*

The tBL RJ45 keystone module complements the successful tBL system solution for structured cabling of buildings in Cat6A for transmission rates of up to 10GbE in real time. The tBL cabling link is equivalent to a permanent link in accordance to ISO/IEC 11801 (EN50173). Network technicians benefit from the tool-less installation: the module can be mounted on the cable without additional tools, making it quick, convenient and particularly easy to install. All that is needed is a pair of side cutters.
The connector module´s housing has an installation dimension of 19.4 mm x 14.7 mm and is made of a nickel-plated die-cast zinc. This surface treatment gives a more uniform appearance and also provides better corrosion protection. The module is suitable for the installation of cables with a core diameter of AWG 22 to AWG 24. The independent test laboratory GHMT (Gesellschaft für Hochfrequenz-Messtechnik) has also certified the RJ45 keystone module in its independent test laboratory according to the evaluation standards ISO/IEC 11801 and IEC 60603-7-51. It thus corresponds to the Cat6A category for a maximum frequency of up to 500MHz.
 *Shutter against dust*Dust particles on the connector's contacts can lead to faulty contacts. This can be problematic, especially in office environments. Therefore, the RJ45 keystone module now also integrates a shutter made of transparent plastic as dust protection.

*The tBL – tde Basic Link system solution*

The tBL system solution comprises a comprehensive portfolio of carrier systems. This also includes design-capable junction boxes, floor tank inserts, consolidation point enclosures, top-hat rail modules and 19-inch patch panels. They can be combined with all switch ranges from leading manufacturers.

**About tde – trans data elektronik GmbH**For more than 30 years the tde - trans data elektronik GmbH, an internationally successful company, has specialised in the development and production of scalable cabling systems for highest packing density. The nuclear research centre CERN relies on the know-how of the leading company in multi-fibre technics (MPO) as well. The company’s portfolio "Made in Germany" contains complete system solutions with a focus on Plug-and-play for high speed applications in the field of datacom, telecom, industry, medical and defence. tde offers both planning and installation services through its own service department and supports the "European Code of Conduct" when it comes to energy efficiency in data centres. For more information, visit [www.tde.de/en/](http://www.tde.de/en/) or follow us on [LinkedIn](https://www.linkedin.com/company/tde-trans-data-elektronik-gmbh/), [Twitter](https://twitter.com/tdeConnect) and [Xing](https://www.xing.com/companies/tde-transdataelektronikgmbh/updates).

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