

E-DAT Industry - The new generation of Industrial Connectors



The reliable connection technology

The Ethernet Connector System

The Cooperation

BTR NETCOM, Telegärtner and Weidmüller – three of the leading suppliers in the area of electrical and optical connection technology - have pooled their respective core expertise to form a cooperation in order to jointly set new standards.

The common goal: The development and launch of reliable technologies for transmission standards in connector engineering. Technologies which will meet the highest customer demands to allow new, professional and integrated solutions.

The result: An extremely reliable, extraordinarily practical, particularly powerful and flexibly employable connector system for office and industrial applications. With products which perfectly reflect the values of the cooperation which created them:

- **Reliable**
- **Simple**
- **Fast**
- **Problem-solving**

Clever, flexible, modular: the Ethernet Connector System

Connectors for modern industrial applications need to be designed in such a way that they simplify processes and cope with faster data transmission.

With Ethernet connectors from BTR NETCOM you are already a decisive step ahead since these products are not only gigabit-capable, but are also standardized in IEC61076-3-106.

Beyond this, the variant 4 (Ethernet TCP/IP), variant 5 (Profinet) and variant 1 (Ethernet/IP) connectors stipulated in this standard are also required by the standards for application-neutral wiring in industrial structures (ISO/IEC 24702 - FDIS; V1, V4), for automation machinery, (IEC 61918 - CDV; V1) and for field bus installation (IEC 61784-5 - CDV; V1).

The freely selectable inserts which can be easily installed in all IP67 housings create a high level of flexibility both with regard to component selection as well as with respect to the possible application areas.



And for good measure you also have the unique choice of variants made of plastic or metal as well as inserts for copper and fibre optic wiring. All plug-in connectors have also been designed for fast, on-site assembly and easy handling.

Create field attachments without the need for special tools; produce powerful connections: The Gigabit Connector!

Now it is possible to securely attach the necessary connector directly to the machine without extensive effort – and you don't even need any special tools!

The Gigabit Connector for industrial requirements with IDC connection technology was developed so that wiring can be carried out quickly, simply, securely and – above all – without the need for any special tools.

In addition, the connector is particularly robust and is therefore suitable for industrial applications.



Unlimited combination options

The fit-for-all principle

Benefit from maximum flexibility! Our portfolio offers you crucial advantages for your industrial applications, whether at the planning stage, during assembly or once your system is operative. All versions are also designed for the IP67 class of protection.

Simply choose the insert you need and the material you want! Our family of connectors is completely compatible – each and every insert can be combined with each and every kind of plug and flange housing. Choose between plastic and metal versions.



Plug Insert



Plug housing



Bulkhead



Bulkhead Insert

RJ45 field plug	V1 plug housing	V1 bulkhead	RJ45 field jack
RJ45 plug	V1 metal plug housing	V1 metal bulkhead	RJ45 coupler
2SC plug	V4 plug housing	V4 bulkhead	SC-RJ/2SC adaptor
2LC plug	V5 metal plug housing	V5 metal bulkhead	LC-D adaptor

A wide selection for unlimited possibilities: the optimum product range

With our innovations, we cater for the most up-to-date market requirements and meet the very latest international standards. This means you have a wide array of options to choose

from, so that you can find just the right product for your applications! The full range of connectors that we offer comprises a large number of different modules.

Here is just a small selection:



Benefits with System

- No need for special tools for on-site field attachable Gigabit connectors
- Configuration diversity in both materials and connection
- Innumerable variants thanks to a wide variety of plug insert combinations
- Standardized in accordance with IEC 61076-3-106 and designed for IP67
- Robust and durable thanks to high quality plastic and zinc die-cast

www.btr-netcom.com

BTR NETCOM is a METZ CONNECT company.

METZ CONNECT designs, manufactures and distributes worldwide high-quality electrical and electronic connectors and active and passive network components providing secure connections and functions within powerful data networks, industrial processes, autonomous devices and facility management.

BTR NETCOM is an internationally proven market partner and stands for;

- integrated system solutions for building automation, industrial plants and the commercial automotive industry;
- reliable I/O modules - electronic network components for field bus systems in Building automation and for versatile control and monitoring tasks in industrial processes;
- high-performance connection and distribution components for the structured cabling of application-independent network technology;
- data loggers and energy controlling systems for the recording and evaluation of energy consumption.



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