

Next Isobus generation

Nearly 16 years after its system was standardized in ISO 11783, Erich Jaeger presented a model study (proposal) for the next Isobus generation in agriculture.



The socket is IPx7 and IPx9K rated and is received as a proposal by Agricultural Industry Electronics Foundation (Photo: Erich Jaeger)

Based on the user's requests, the Isobus socket will master the high data transfer rates required for M2M communication, electronic support and diagnosis functions, or real-time video systems. At 1 Gbit/s, data transmission rates are achieved which corresponds to a 4000x gain in performance with the current system.

In 2015, the company launched an improved version of the Isobus socket (IBBC) on the market. It was based on incoming analyses from ageing systems, as well as on collaboration with the agroindustry, whose knowledge from field tests was incorporated into the development process. Developed from the ground up, the latest system complies with both the standard ISO 11783 and customer-specific requirements. The socket, along with the developed plugs and attachments, is also compatible with all other solutions available on the market.

Isobus links and controls tractors with control units, attachments, and agricultural software. Isolated solutions will soon be a thing of the past – in the future, all applications will be standardized by Isobus, stated the German company.

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