

Press Release

Innovative shielding concept – Seamless and secure

(04/19) The new Advanced Shielding Technology from Phoenix Contact ensures a secure and reliable shield connection.

In the manufacturing process, liquid metal forms a complete unit of braided shield and conductor. This increases the transmission quality of data, signals, and power with assembled connectors, even under extreme environmental conditions.

Thanks to the large-area connection of braided shield and connector, there is very little heating – even in the event of a short circuit – meaning that the current flow remains secure. Advanced Shielding Technology is EMC-safe and resistant to transient overvoltages caused by the switching processes of inductive loads. The connectors remain securely shielded, even under high mechanical loads such as shock and vibrations, or lightning currents up to 20 kA.

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