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GEORG SCHLEGEL GmbH & Co. KG

**Entering a password goes easy**

*No typing, no remembering passwords: SCHLEGEL's RFID-HID reader transfers login data quickly and easily*

It is essential to protect systems by complex passwords. But who wants to remember and type in all those passwords each time? We show you that there is another option, using our RFID-HID reader from the RFID range: The password is transmitted automatically via a simulation process.

RFID technology offers a contactless and simple solution to exchange data. The sender, also called transponder or tag, does not need any power source. It is sufficient to hold the transponder in front of the reader for a pretty short time. The electric field of the reader and the coil inside of the transponder generate enough energy to transmit data.

Still, how do you automate the password entering process using the SCHLEGEL's RFID-HID? The solution: The password is saved on the tag. Creating a connection of the transponder and the reader, the password is read and automatically entered in the currently active input field and then confirmed. If the password was confirmed to be correct, the programme starts.

The trick behind it: Using the HID interface, the system considers the RFID-HID reader to be a keyboard. The password on the tag simulates entering letters and numbers via the HID interface - it's that easy! Typing and remembering become unnecessary, while the password is secured by the robustness and reliability of the RFID technology.

**Photo:**

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Using the RFID-HID reader, the password is entered automatically. Picture: GEORG SCHEGEL GmbH & Co. KG

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About Georg Schlegel GmbH & Co. KG

The brand SCHLEGEL stands for innovation, quality and design. Founded in 1945, Schlegel is today a globally operating company with headquarters in Germany, sales offices in Austria and Singapore, and exports to more than 80 countries on all five continents. The core competences: Development and production of control units, pilot lights and terminal blocks. The product portfolio further includes bus systems, enclosures, limit switches, control panels and functional components. When developing new products, Schlegel sets high standards as to the design. 100 national and international design awards confirm the company's high level of design expertise, among these prizes are the iF Design Award, the Red Dot Award or the German Design Award.