Press Message

With the access permission system PITreader card unit from Pilz, permissions are now assigned on RFID cards or stickers - Authentication in the appropriate format

Ostfildern, 21.02.2023 - **The automation expert Pilz offers a new version of its electronic access permission system for flexible, secure management of access to machinery. With the PITreader card unit, operators can now assign permissions on RFID transponders in card or sticker format.**

With its access permission system PITreader card unit, Pilz is introducing new formats for efficient control of access permissions: The RFID-capable cards PITreader card and stickers PITreader sticker can be used in conjunction with or instead of the existing PITreader key transponder key. Machine operators have their individual permissions on the transponder and use them to authenticate themselves on the PITreader card unit, to gain entry to a plant or machine. That way, operating companies increase industrial security, because they control who has what permission and therefore who is granted access to the process. With the new transponder types, operating companies have greater flexibility when managing access permissions. At the same time, they also meet the requirements for functionally safe operating mode selection.
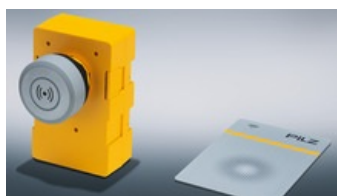
One key card, many functions

The RFID transponders are available as freely writeable and also preconfigured versions. A transparent window on the PITreader card enables users to still read the LED status indicator on the access permission system when the card is held up to it. If the company already uses RFID-capable cards, these can also be used in conjunction with PITreader card unit: in this case, users need only one card for multiple functions. That way they save time during authentication on the plant or machine, plus they have a particularly flexible and easily manageable solution. With the PITreader S card unit, the automation expert is also introducing a version for integrating the OPC UA standard, enabling optimum safety and connectivity.

Simple permission management

Administrators manage their user settings, block lists and user data for the transponder keys, cards or stickers via the graphical interface on the corresponding software solution PIT Transponder Manager (PTM) from Pilz. With preconfigured templates, individual user permissions are written to the RFID transponder simply, in just a few steps. The import function enables information to be read quickly and directly into the integrated database, saving the administrator considerable time. If a company uses several reader units PITreader, these are organised using the User Authentication Service (UAS) software tool.

PITreader card unit can be used efficiently in combination with the configurable small controller PNOZmulti 2 or the automation system PSS4000 from Pilz for control of access permissions and safe operating mode selection. Thus the complete solution contributes towards greater safety and security in the widest range of processes.

Caption: *With the RFID-capable cards PITreader card and stickers PITreader sticker, the access permission system PITreader card unit from Pilz has new formats to offer, enabling you to implement an efficient and secure access permission system. (Photo: © Pilz GmbH & Co. KG)*

You can find texts and images for downloading at:
https://www.pilz.com/en-INT/company/press/messages/articles/235779

Pilz – The Spirit of Safety

Pilz is a global supplier of products, systems and services for automation technology. As a pioneer of safe automation, Pilz creates safety for human, machine and environment. Founded in 1948, today the family business with its head office in Ostfildern is represented worldwide with 2500 employees in 42 subsidiaries and branches. The technology leader offers complete automation solutions for Safety and Industrial Security on the machine. These include sensor, control and drive technology – as well as systems for industrial communication, diagnostics and visualisation. An international range of services with consulting, engineering and training completes the portfolio. Pilz solutions are used in many industries beyond mechanical engineering, such as intralogistics, packaging, railway technology, or the robotics sector for example.

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