

Press Message

07.03.2023

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Pilz at interpack 2023, Hall 18/ B02 - Focus on safety & security - Automation for greater packaging safety

Ostfildern, 07.03.2023 - **Under the slogan “Flexible automation solutions for safety and security”, the automation company Pilz will be presenting future-proof technologies for greater product safety in packaging automation at interpack 2023 (04.05.2023 - 10.05.2023). The focus of the stand will be on sensor technology, control technology and operating and monitoring solutions and products for primary, secondary and end-of-line packaging, as well as on networks - with the SecurityBridge industrial firewall. The consulting and services package, tailored specifically for the packaging industry, rounds off our trade fair presence.**

One highlight from Pilz in Düsseldorf: the TÜV SÜD-certified solution for safe monitoring of the cardboard feed on packaging machines. Another thematic focus is intelligent Packaging 4.0 and how digitalisation can be used beneficially for the packaging of food, pharmaceuticals and non-food items. With the Pilz Smart Factory model, visitors can experience live how individualised products can be manufactured safely and flexibly.

Secondary packaging - safe cartoning solved simply

One of the intelligent automation concepts from Pilz, which not only makes packaging lines safer but also easier to operate, is [safe cardboard feed](#) for the secondary packaging sector. The TÜV SÜD-certified solution is designed for smaller and medium-sized machines and offers two safety controllers to choose from as evaluation units – the [small controller PNOZmulti 2](#) for applications configured via a software tool, and the modular [safety relay myPNOZ](#) for batch size 1 infeed solutions. Experts in Düsseldorf will provide information on how this flexible and economical safety solution saves time and costs during planning, project configuration and commissioning.

Safety includes access

Industrie 4.0 has arrived in the packaging industry. Intelligent networking and customising are guiding themes, alongside the smart factory. This requires sophisticated automation and safety concepts, which include safety and industrial security, and thus also guarantee product safety. With this in mind, at interpack Pilz will be presenting its solutions for Identification and Access Management (I.A.M.), for implementation of comprehensive access management on packaging machines and in machine pools.

Digital solutions for maintenance and more

As a comprehensive solution for safe access management, I.A.M. also enables safe operating mode selection: in Düsseldorf, the automation company will be showing the efficient, digital Key-in-pocket maintenance safeguarding system, which is based on the access permission system PITreader and Pilz control technology. It prevents an unplanned machine restart, while there are still people carrying out maintenance work in the danger zone. Before accessing the plant, one or more authorised operators authenticate themselves using their personal transponders and an individual security ID is assigned, which is stored centrally in the safety controller. This protects the machine from tampering and the operator from unintended restart. In contrast to a maintenance safeguarding system that uses mechanical keys, operators can enter or leave the plant at any safety gate. As such, Key-in-pocket offers greater flexibility and saves time during maintenance. Pilz presents additional flexibility for companies and users with the PITreader card unit, which operators with RFID transponders in card or sticker format can use to identify themselves.

Firewall that protects packaging

The networking of IT and OT (operational technology) means that additional protection is required for packaging machines – on bottling plants for example. At the trade fair, Pilz will also be exhibiting the SecurityBridge firewall, which protects control networks from tampering as a result of unauthorised access. It monitors the data traffic between the PC and controller and reports any unauthorised changes to the control project. As a result it protects downstream controllers from network-based attacks and unauthorised access. That guarantees high product safety, which is a requirement particularly in pharmaceutical and food packaging.

Machinery Directive and more: Pilz provides support

For safe, legally compliant machines, machine builders must be aware of the relevant standards and apply them. This includes the requirements of the internationally applicable standard for interlocking devices, EN ISO 14119. Visitors to the Pilz stand can find out which other standards manufacturers and operators need to consider. The safe automation expert provides tailor-made support throughout the whole lifecycle of a packaging machine, from risk assessment through to safety validation, including international conformity assessment.

More about the trade fair is available [here](#)



Caption: Under the slogan “Flexible automation solutions for safety and security”, the automation company Pilz will be presenting future-proof technologies for greater product safety in packaging automation at interpack 2023 (04.05.2023 – 10.05.2023). (Photo © Pilz GmbH & Co. KG)

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<https://www.pilz.com/en-INT/company/press/messages/articles/236492>

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.

Pilz in social networks

In our social media channels we give you background information concerning the company and the people at Pilz, and we report on current developments in Automation Technology.



<https://www.facebook.com/pilzINT>



https://twitter.com/Pilz_INT



<https://www.youtube.com/user/PilzINT>



<https://www.xing.com/companies/pilzgmbh%26co.kg>



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