

Press Message

28.04.2022

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Pilz offers TÜV-SÜD-certified solution for safe monitoring of cardboard feed in the packaging sector - safeguard cardboard feed efficiently

Ostfildern, 28.04.2022 - **With the TÜV-SÜD-certified safety solution, which safely monitors the cardboard feed on packaging machines, this step of the process can now be designed to be safe and productive. The solution package offers two safety controllers to choose from - the small controller PNOZmulti 2 for applications configured via a software tool, and the safety relay myPNOZ for batch size 1 infeed solutions. Two optical sensors are added per infeed device. The solution complies with performance level (PL) d and category (Cat.) 3 of EN ISO 13849-1 or SIL 2 of IEC 62061 and ensures minimised downtimes and higher productivity - for greater efficiency in the secondary packaging sector.**

The new, certified safety solution from Pilz monitors small and medium-sized machines in the secondary packaging sector. Certification saves users time during design, configuration and commissioning. With the TÜV-SÜD-certified safety solution, even integration into existing applications and retrofitting is easily implemented. As a result, the application can be adapted flexibly and individually at any time. Also, there is no need for additional protective measures such as safety fences or similar guards, so the space can be used more efficiently.

Specific application determines what you use

For machines with a small function range, the package includes the [modular safety relays myPNOZ](#): the tailor-made batch size 1 solution can be used immediately via plug & play and is available as a pre-configured unit. The [small controller PNOZmulti 2](#) is used for more large-scale projects. With this, safe automation projects can be implemented flexibly via a graphical configuration software tool. What's more, if necessary, two cardboard magazines can be monitored simultaneously with just one base unit.

Both safety controllers monitor the optical sensors - installed directly on the infeed opening - which register the status of the cardboard boxes. Additional safety functions such as E-STOP, safety gates or light curtains can also be implemented.

Further information on safe packaging automation is available [here](#)



Caption: Safe cardboard feed with Pilz for the secondary packaging sector: the solution package certified by TÜV-SÜD includes the safe small controllers PNOZmulti 2 and the modular safety relays myPNOZ. Two special optical sensors are added per infeed device. (Photo © Pilz GmbH & Co. KG)

You can find texts and images for downloading at:

<https://www.pilz.com/en-INT/company/press/messages/articles/231863>

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.



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