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Press Message

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**New compact safety gate system
PSENmgate from Pilz as the complete
system for safe guard locking and
operation - Compact, combined safety -
Energy-efficient guard locking +
operation!**

Ostfildern, 30.09.2024 - **Miniaturisation is an important aspect of industrial transformation. It ensures efficient and sustainable processes. Because "smaller" solutions save space and energy. Pilz supports this aspect with safe sensor technology solutions, among others: The new safety gate system PSENmgate combines the classic safety locking device PSENmlock and the control element PITgatebox from Pilz in a compact solution. As a compact solution, it requires less space on the safety gate. At the same time, PSENmgate offers maximum protection against manipulation and defeat, for safeguarding safety gates. That guarantees safety on the plant or machine thanks to a smooth-running production process.**

Overall, PSENmgate saves important space on the machine and saves the time needed for installation due to simplified wiring via just a single plug-in connector.

Core competency 1: Safe guard locking

On accessible safety gates as well as covers and flaps, PSENmgate protects the process and the operator, on enclosed robot applications for example. The compact safety gate system guarantees safe interlocking and safe guard locking up to the highest category PL e, Cat. 4. Also, several safety gates can be connected in series quickly and simply. The effort and time required for wiring is reduced, speeding up installation.

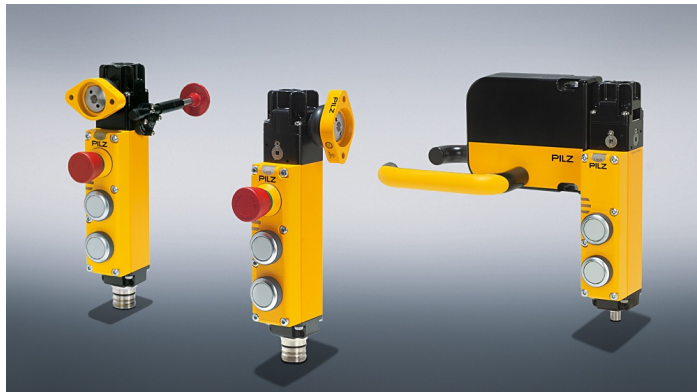
Core competency 2: Versatile operation

The compact safety gate system PSENmgate provides various control elements such as pushbuttons and illuminated buttons, as well as E-STOP pushbuttons and an escape release. What's more, users can choose the right handle from a range of options. As a result, the system offers configuration options for different applications. So PSENmgate is versatile and can be applied on the widest range of plant or machinery. Machine builders and operators alike benefit, as there is greater flexibility for designing machinery.

Add-on: Sustainability and diagnostics for high output

The compact design of the energy-efficient PSENmgate reduces power consumption through its bistable locking principle. Thus, as an integrated and energy-efficient safety gate system, PSENmgate reduces energy costs. In the event of error messages, comprehensive diagnostics via four LED indicators and a diagnostic output enable short reaction times to status changes. Users receive a sustainable product, reduce downtimes on their machine and increase their productivity.

- [Find out more about the product here](#)



Caption: The new safety gate system PSENmgate combines the classic safety locking device PSENmlock and the control element PITgatebox from Pilz in a compact solution. Overall, PSENmgate saves important space on the machine, as well as the time needed for installation due to simplified wiring. (Photo: © Pilz GmbH & Co. KG)

You can find texts and images for downloading at:

<https://www.pilz.com/en-INT/company/press/messages/articles/242706>

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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