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Press Message

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Pilz: New versions of the safety bolt PSENbolt in conjunction with the mechanical safety gate system PSENmech with guard locking - stopping manipulation

Ostfildern, 19.08.2021 - **New versions of the safety bolt PSENbolt from Pilz are now available for combination with the mechanical safety gate system PSENmech with guard locking: users can choose between standard versions and versions with a key. The safe complete solution consists of a mechanical bolt, handle and the new flexible, combinable safety switch. As such it represents a more flexible, cost-effective safety gate solution for personal and process protection.**

Standard versions are available along with versions with an integrated key. Some of these can also have an added [escape release](#). The versions with integrated key enable the bolt to be locked in the open position, when someone needs to access the plant for maintenance purposes for example. In this case, nobody else can close the gate from the outside and the machine cannot be restarted. As a result, the machine is prevented from starting up unintentionally. So versions with an integrated key provide increased safety on the plant.

Maximum safety for high efficiency

In combination with the [safety gate system PSENmech with guard locking](#), PSENbolt achieves safe interlocking and safe guard locking up to PL d of [EN/ISO 13849-1](#) or SIL CL 2 of [EN/IEC 62061](#). If the coded [safety switch PSENcode](#) is added to the solution, safety gate monitoring up to the highest category PL e of EN/ISO 13849-1 or SIL CL 3 of EN/IEC 62061 is guaranteed. In this combination the [safety bolt PSENbolt](#) guarantees that the highest requirements for protection against defeat and manipulation are met. Users benefit from high availability, so making the plant cost-effective.

Strong bolt

The PSENbolt versions can be used in numerous industries and applications. In conjunction with the mechanical safety gate system PSENmech with guard locking they guarantee to protect human and machine in the plastics industry, [automotive industry](#), [packaging industry](#) and [pulp and paper industry](#), for example. They offer a mechanical solution for monitoring safety gates that are difficult to adjust or are exposed to heavy vibration.

Pre-assembled = less effort

The safety bolt PSENbolt combines a mechanical bolt, handle and flexible, combinable safety switch, such as PSENmech with guard locking for example. This removes the need for expensive in-house engineering and significantly reduces development and installation work. In conjunction with the [safety relay PNOZsigma](#) or the configurable safe [small controllers PNOZmulti 2](#), Pilz offers a complete, economical one-stop solution.

Further information on the product is available [here](#)



Caption: New versions of the safety bolt PSENbolt from Pilz are now available for combination with the mechanical safety gate system PSENmech with guard locking: users can choose between standard versions and versions with a key.
(Photo: © Pilz GmbH & Co.KG)

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<https://www.pilz.com/en-INT/company/press/messages/articles/228814>

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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