

Press Message

**New products and versions for the modular safety gate system from Pilz - safety gate sensor PSENmlock with series connection, pushbutton unit PITgatebox and escape release - systematic protection for every gate!**

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Ostfildern, 09.04.2018 - **The modular safety gate system from Pilz offers individual safety gate solutions that are ideally tailored to the requirements of the most varied applications. Users benefit from an economical series connection, rapid diagnostics, additional control and pushbutton elements and an optional escape release. Different components can be combined to fit the application. So users achieve an individual safety gate solution, ideally tailored to the respective application. The safety gate system now includes the safety gate sensors PSENmlock with series connection and the pushbutton unit PITgatebox.**

The core of the modular safety gate system is made up of the safety gate sensors PSENslock and PSENmlock. The former offers safe position monitoring with process guard locking in one system, while PSENmlock can be used up to the highest category thanks to the safe interlock and safe guard locking for the protection of personnel and processes.

## **World first: Intelligent safety sensor for individual control**

The safety gate system now also includes the version "PSENmlock with series connection" for the safety gate sensor PSENmlock for safe interlock and safe guard locking. Used in combination with the diagnostic solution Safety Device Diagnostics (SDD) from Pilz, targeted control of individual switches or gates is now also possible – completely in the spirit of Industrie 4.0. Expensive individual wiring in the control cabinet is no longer necessary. This safety gate solution not only offers an economical series connection, but also high availability thanks to the comprehensive diagnostics. As a result downtimes can be reduced considerably.

## **The package optionally includes: Flexible escape release**

As optional accessories for the safety gate sensors PSENmlock, there are two new versions of the escape release available, which can be combined with all types of the safety gate sensor: A bar is used to connect PSENm escape release directly to the base unit, while PSENm escape release cordset is mounted on PSENmlock via a pull-push wire. The latter enables the installation of the safety gate system and escape release to be physically separate. It is particularly easy to install and low-maintenance, as the pull-push wire does not have to be under tension. So both versions of the optional escape release ensure maximum safety.

## **New pushbutton unit for simple operation**

The new pushbutton unit PITgatebox for simple operation and control of safety gate sensors is part of the safety gate system and rounds out the system. The pushbutton unit enables the control of commands that activate, stop or reset your machine or system, for example. Thanks to the slimline design, the robust control unit can be installed quickly and easily on standard profile systems. The PITgatebox is available in a number of versions and with its robust die cast zinc housing is particularly resistant to shock, vibration and collision. Its slimline housing enables space-saving installation. Each preconfigured version with various combinations of pushbuttons, key switches and E-STOP pushbuttons provides maximum flexibility for individual applications.

## **Modular safety gate system for all applications**

The safety gate system package contains not only both safety gate sensors, but also various accessories such as different escape releases and handle types for swing or sliding gates. A pushbutton unit that can be used with both safety gate sensors completes the system. Together with the diagnostic solution Safety Device Diagnostics (SDD) and in combination with Pilz control technology, the result is an economical. complete solution for the safety gate sector.

Pilz is exhibiting in Hall 9, Stand D 17.

[You can find more information about our presence at the exhibition here](#)

[Further information on the modular safety gate system is available here](#)

- [Web picture](#)
- [Print picture](#)



***Caption:***

You can find texts and images at [www.pilz.com](http://www.pilz.com) also for downloading.  
To go directly to the relevant internet pages in the press centre,  
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## The Pilz Group

The Pilz Group is a global supplier of products, systems and services for automation technology. Based in Ostfildern, near Stuttgart, the family-run company employs around 2,500 people. With 42 subsidiaries and branches around the world, Pilz supplies safe solutions for people, machinery and the environment. The technology leader offers complete automation solutions comprising sensors as well as control and drive technology – including systems for industrial communication, diagnostics and visualisation. Consulting, engineering and training round off its international range of services. In addition to mechanical and plant engineering, solutions from Pilz are used in many sectors such as wind energy, railway technology and robotics.

[www.pilz.com](http://www.pilz.com)

## 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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