

Press Message

A plus for diagnostics and design freedom

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Pilz GmbH & Co. KG
Felix-Wankel-Straße 2
73760 Ostfildern
Germany
<http://www.pilz.com>

Pilz is expanding the safety gate system PSENslock to include two new product types: one type offers expanded diagnostic functions, while the other type enables OSSD outputs (Output Signal Switching Device) to be switched independently from the guard locking device. So PSENslock can either provide faster diagnostics or greater design freedom, depending on the task.

PSEnSlock provides safety gate monitoring with electromagnetic process guarding for gates, flaps and covers in one compact product.

The new type with expanded diagnostic function provides an additional benefit, particularly in application areas in which several PSEnSlock are used. Users can immediately detect where a guard locking device has not been activated, due to contamination for example. This saves time, due to fast diagnostics in the event of a fault.

The second new type of safety gate system enables the OSSDs (Output Signal Switching Device) to switch independently from the state of guard locking. As a result, users have greater flexibility and design scope when implementing their application.

PSEnSlock are designed for applications up to PL e of EN ISO 13849-1, SIL 3 of EN/IEC 62061.

The safety gate system is open, enabling it to be connected to all standard evaluation devices as well as to Pilz control technology – the safety relays PNOZ, the configurable control systems PNOZmulti and the automation system PSS 4000. Series connections with safe sensor technology PSEN from Pilz – safety gate systems PSEnSlock, PSEnSgate and the coded safety switch PSEnCode – are also possible.

Further information on the product is available at
<https://www.pilz.com/eshop/b2b/publicinit.do?category=00106002227061>

You can find texts and images at www.pilz.com also for downloading. To go directly to the relevant internet pages in the press centre, enter the following Web code in the search of the home page.: **83783**

About Pilz

Pilz is an innovative automation technology company operating internationally. Pilz uses its solutions to create safety for man, machine and the environment. In addition to the head office in Ostfildern near Stuttgart, the family business is represented with over 2,200 staff in 40 subsidiaries and branches on all continents.

The company's products include sensor technology, electronic monitoring relays, safety relays, configurable and programmable control systems, automation solutions with motion control, systems for industrial communication as well as visualisation solutions and operator terminals.

Pilz solutions can be used in all areas of mechanical engineering, including the packaging and automotive industry, plus the railway technology, press and wind energy sector. These solutions ensure that baggage handling systems run safely at airports and funiculars or roller coasters travel safely; they also guarantee fire protection and energy supply in buildings.

Pilz also provides a comprehensive range of services worldwide, including safety advice, engineering, product training and seminars on the subject of machinery safety.

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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Contact for journalists

Martin Kurth

Corporate and Technical Press

+497113409158

m.kurth@pilz.de

Sabine Skaletz-Karrer

Technical Press

+49 711 3409 - 7009

s.skaletz-karrer@pilz.de