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Press Message

Pilz introduces a new safety gate system PSENmlock - Reliable door guard

Ostfildern, 18.03.2016 -

Pilz is adding PSENmlock to its range of safety gate systems with immediate effect. PSENmlock offers safety gate monitoring and safe guard locking for the protection of personnel and processes to the highest category PL e in one device. The slimline yet robust design and the many different installation options make PSENmlock both flexible to use and easy to install.

PSENmlock is a reliable door guard both for small and for larger, heavy doors and gates, whether swing and sliding gates or covers and flaps. Above and beyond these possible applications the flexibly mounted actuator ensures high tolerance compensation and unrestricted functionality even with sagging gates. Thanks to a bistable magnet, the currentless guard locking system reduces the energy consumption of the safety gate system. Diagnostic data is easily identifiable in many installation positions: LEDs on three sides of the housing support user-friendly diagnostics whatever the installation situation.

Irresistibly strong

With a holding force of 7500 N and the integrated latching force of 30 N, the safety gate system prevents the guard from opening inadvertently. This makes PSENmlock particularly suitable for machines with a hazardous overrun that makes guard locking up to PL d or PL e absolutely essential, such as rotating knives, flywheels

or robots. In addition, an integrated mechanical restart interlock prevents the guard locking system from being activated inadvertently, without the need for separate accessories. Not only does the restart interlock make operating the machine safer, it also prevents an inadvertent restart during maintenance operations!

Safety first!

In machines with an overrun, the greatest risk to the safety of the operator comes if the safety device opens inadvertently or too early. This makes it particularly important to avoid the hazardous situation when disabling a switch. The two-channel PSENmlock guard locking control ensures that opening the gate does not present any risk. Even fault scenarios such as short-circuits are detected safely, allowing any unintended opening of the gate to be prevented.

Pilz will be exhibiting at Stand D17 in Hall 9 at the Hannover Messe and at Stand D20 in Hall 8 at SmartFactory KL.

Further information at: www.pilz.com/en-DE/hannover-messe or under webcode web9481.

Caption:

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.: **88142**

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