



## PSENslock safety gate systems – now with 1000 N of magnetic force

**pilz**

Strict safety regulations require health and safety measures to be safe from manipulation and defeat.

The new PSENslock non-contact safety gate systems offer a safe alternative to existing mechanical technology. PSENslock combines safety door monitoring with an electrosensitive magnetic interlock of 500 N (PSEN sl-0.5p) or 1000 N (PSEN sl-1.0p) in one unit.

With this combination of safe position monitoring and process guarding, PSENslock is designed for applications up to PL e in accordance with EN ISO 13849-1, SIL 3 in accordance with EN/IEC 62061, Category 4 in accordance with EN 954-1 and protection type IP67. In addition, PSENslock is optimised for mounting on to common 45 mm profiles. Combined with the control technology from Pilz, you receive a safe, complete solution for safety gate monitoring.

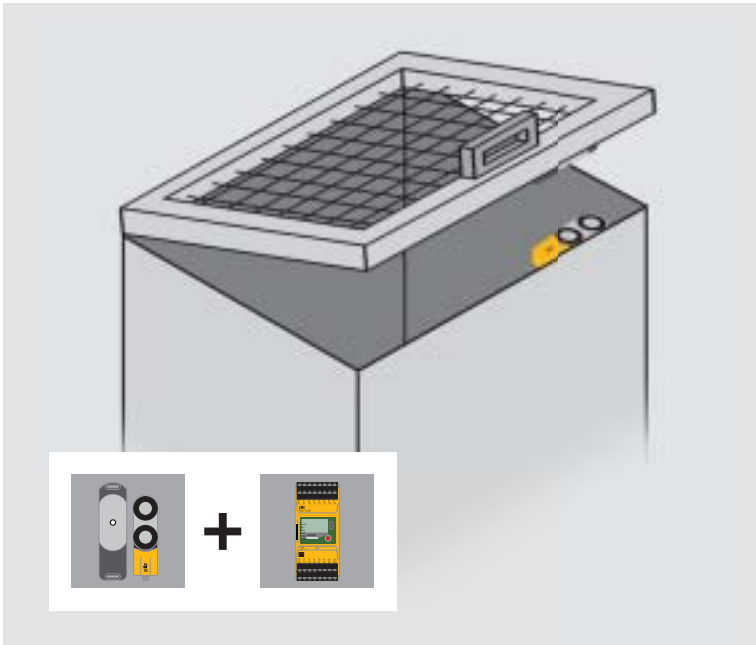
### Your benefits at a glance

- ▶ Safe from manipulation thanks to proven transponder technology
- ▶ Process protection thanks to magnetic guard locking in 500 and 1000 N
- ▶ Tolerant to gate misalignment
- ▶ Four assembly directions thanks to double-sided LED indicator

**PSEN sl-0.5p (500 N) available now**

**PSEN sl-1.0p (1000 N) available from May 2009**

the spirit of safety



*The optimum solution: Guard locking on the flap using the safety gate system PSEnslock, evaluated using the safety relay PNOZmulti Mini.*

#### Your benefits at a glance

- ▶ System optimized for safe position monitoring with process guarding
- ▶ High availability for your plant:
  - Suitable for the highest safety requirements
  - Highest level of manipulation protection (coding)
  - Process protection via magnetic guard locking
- ▶ Fast commissioning:
  - Four assembly directions
  - Tolerant to gate misalignment
  - Flexible connection via connector
- ▶ User-friendly diagnostics via double-sided LED display
- ▶ Save power, as the magnet on PSEnslock is optimized for energy efficiency

#### Selection guide

The product selection guide can be found on page 38–39.



Keep up-to-date  
on safety gate  
systems PSEnslock:

 Webcode 4898

Online information  
at [www.pilz.com](http://www.pilz.com)