

Personal Interlock PIL-CB01

Convenient single-entry solution for increased security.



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The personal interlock is the ideal solution in terms of safety. It ensures a high level of physical protection. With the combination of various access control mechanisms, it contributes to a high degree of separation.

It is an electronically monitored interlock that meets high security requirements and offers optimal protection for sensitive areas inside a building. It can also be used in façade areas; manned supervision or guards are not required. As a result, it contributes significantly to cost reduction in the area of building management.

The very high level of safety is determined by several factors: Separation inside the interlock by a 2-zone contact mat as well as a separation sensor based on ToF technology.

An authorization check is made possible with the optional reader post inside of the lock. Various identity verification systems such as face recognition can be installed for this purpose.

Other features of the interlock:

- User instructions and control via LED lighting outside and inside the unit. Various lighting combinations ensure a high level of user-friendliness.
- Adaptable lighting of the display inside the interlock also serves user friendliness.
- The reading column ensures a high level of user comfort in a small installation space without restricting the passage width.
- Door locks provide the highest level of security.

For an even higher security there are optional measures can be integrated additionally. For example: reader, contact mat or presence sensors.

Alternatives for high security areas are reinforced bullet- and burglar-resistant versions, certification up to RC3 is possible.

Areas of application:

Access to computer and research centers, banks, authorities, sensitive areas of government buildings, airports or companies.



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Technical Details

Body: Cylindrical, side panels of glass (VSG), powder-coated aluminium profiles. Alternatively metal side panels possible.

Door leaf: Glass (VSG) or metal.

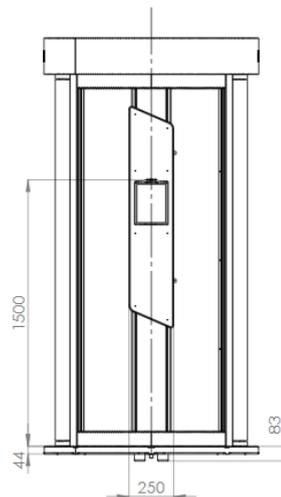
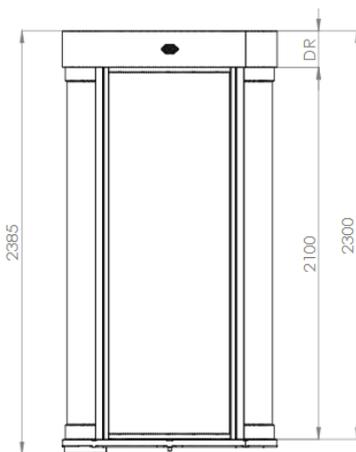
Mounting: On floor element or optionally prefabricated floor. Control and power supply units are installed in the reader post inside the interlock and are easily accessible, making the system very maintenance- and service-friendly.

Function: Upon authorisation, the first door opens, allowing the user to enter the interlock. After a separation check by the integrated sensor system, the first door closes. The check is completed as soon as door 1 is securely closed and locked. Door 2 then opens and the user can leave the system. Alternatively, another identification check is possible before opening door 2.

If the interlock is free of persons, door 2 closes automatically and the system returns to the initial state.

Technical parameters

Diameter	Outside: 1.000 / 1.200 / 1.400 / 1.600 mm Inside: 910 / 1.110 / 1.310 / 1.510 mm
Total height	2.300 mm
Passage height	2.100 mm
Passage width	520 / 650 / 840 / 910 mm
Body	Side panels: Glass or metal clad Flooring: Nubbed rubber covering
Sliding doors	Door wings glass or metal filling
Surface	Aluminium powder coated according to RAL powder
Function currentless	Standard: One door open, the other door locked
Throughput rate	5-6 persons per Minute
Power supply	110-240V VAC 50/60Hz, 350VA
Installation	On floor element



Options & variations

- Passage width up to 910 mm possible
- Adaptable lighting concept
- Various reader systems and monitors can be integrated
- Metal side walls
- All RAL colours available

