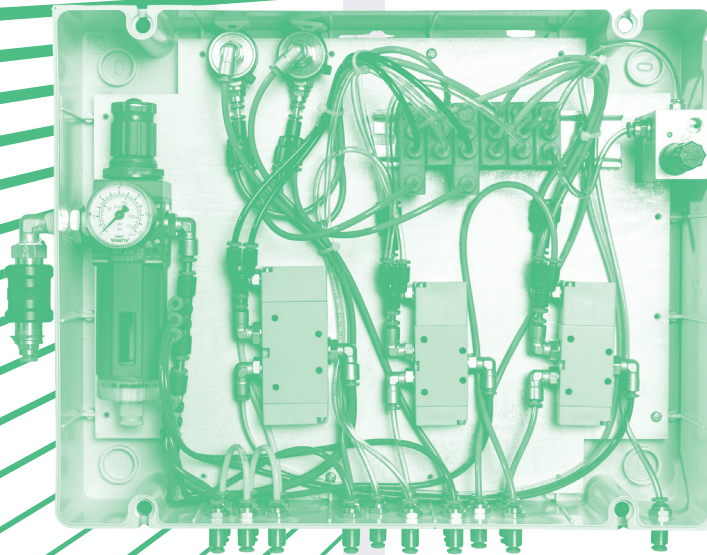




Door interlocking
solutions for ATEX
environments

**Pneu
Lock®**

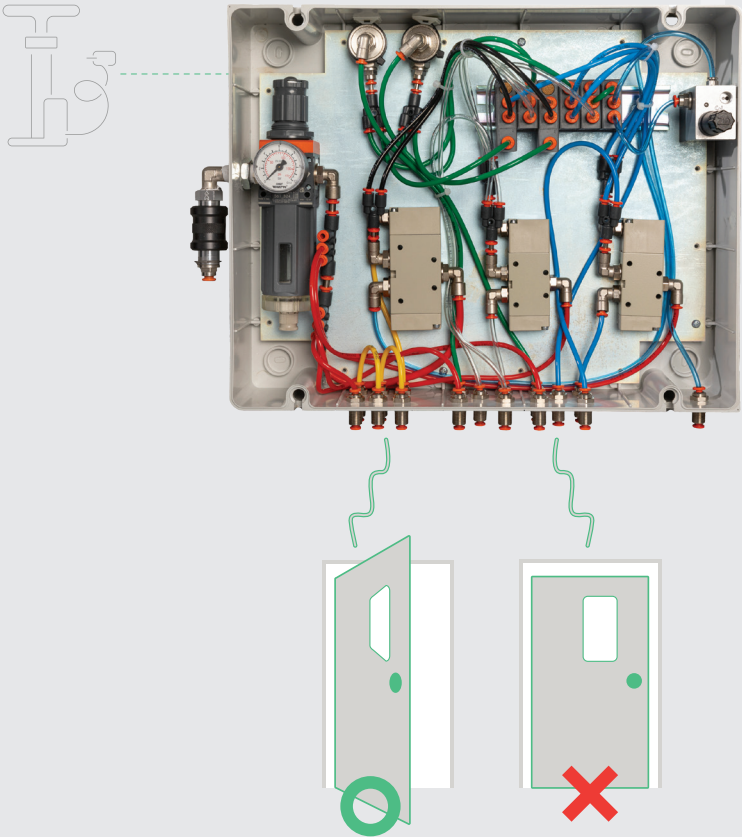
Cleanroom door
interlocking solutions

Customizable
pneumatic
control system

Fully pneumatic
systems

True pneumatic systems are powered only by compressed air.

Red/green indicators, locks, door position sensors and acoustic signal are all connected by 4 mm diameter quick fitting compressed air connections.



Hybrid systems

Interlocking electronic automatic doors or doors equipped with access control with doors in EX zone is not anymore a challenge.

YDG provides custom built hybrid control boards that manage both electronic and pneumatic connections.

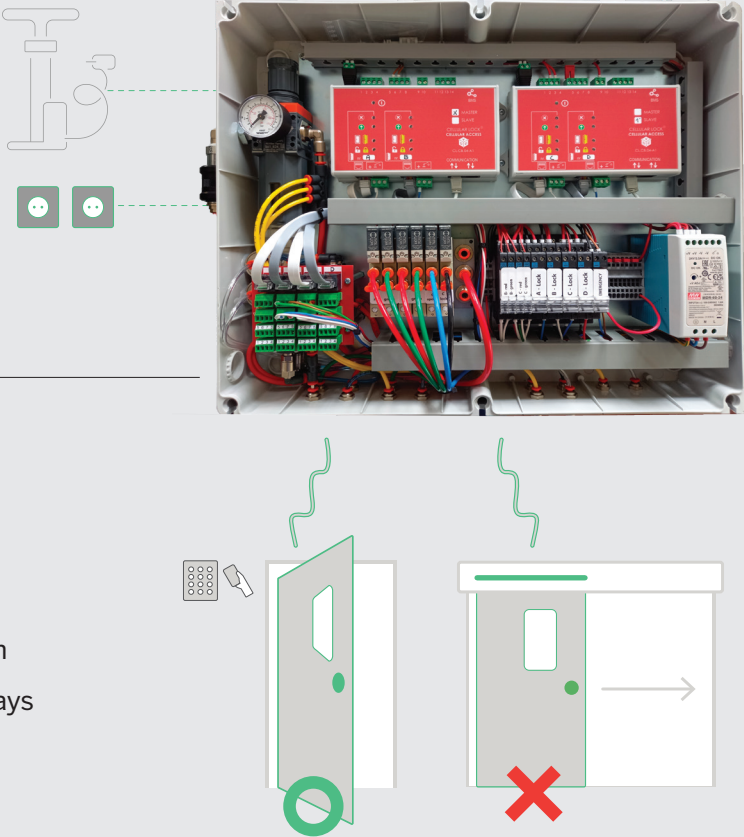
WE OFFER SOLUTIONS FOR INTERLOCKING SYSTEMS

BETWEEN DOORS IN EX ZONE AND DOORS IN SAFE ZONE

DOORS WITH PNEUMATIC ACCESSORIES AND ELECTRONIC BADGE READER

PNEUMATIC INTERLOCKING SYSTEM INTERFACED WITH THE PLC OF A PRODUCTION MACHINE

AUTOMATIC DOOR INTERLOCKED WITH A PNEUMATIC ACCESSORIZED DOORS

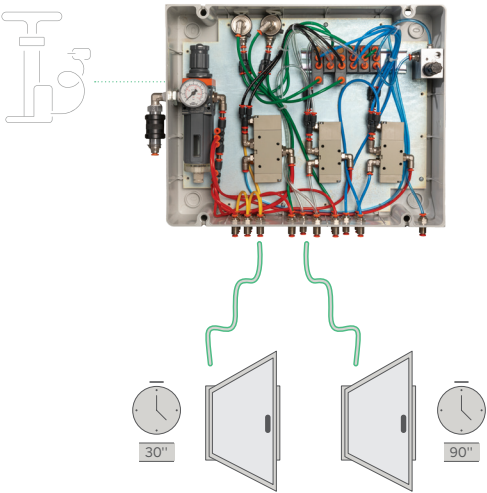


- Intuitive board connections
- Easy installation
- Delivery in 10 days

Pneu pass boxes with different recovery times

We offer complete pneumatic interlocking system for your pass box in EX hazard departments.

Our pneumatic control boards can be set with different recovery times for doors.



Door Frame Mounted EX certified flush indicators

YDG flush to door frame red/green pneumatic indicators with the following certification:

II 2G Ex h IIB T4...T3 Gb X
II 2D Ex h IIIC T89°C...T109°C Db X



Also flush to wall version available!

We build on request your true pneumatic or hybrid electro-pneumatic door interlocking systems. Quantity of doors managed and interlocking logic is fully customizable!

All connections are made be 4 mm quick fitting tubes and intuitive symbols on-board ensure easy and quick installation.



PNEUMATIC DOOR INTERLOCKING CONTROL BOARDS WITHOUT DOOR LOCK “ONLY SIGNALLING”



PNEUMATIC DOOR INTERLOCKING CONTROL BOARDS WITH DOOR LOCK

CONTROL BOARD	PL.CB.2P. TL.L1	PL.CB.3P. TL.L1	PL.CB.3P. TL.L3	PL.CB.4P. TL.L1	PL.CB.4P. TL.L2	PL.CB.4P. TL.L3	PL.CB.2P. TL.IU.L1	PL.CB.3P. TL.IU.L1	PL.CB.3P. TL.IU.L3	PL.CB.4P. TL.IU.L1	PL.CB.4P. TL.IU.L2	PL.CB.4P. TL.IU.L3
DOORS MANAGED	2	3	3	4	4	4	2	3	3	4	4	4
LOGIC	room logic	room logic	corridor logic	room logic	3+1 logic	corridor logic	room logic	room logic	corridor logic	room logic	3+1 logic	corridor logic
RECOVERY TIME OPTION	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DOOR STATUS SENSOR 	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
RED/GREEN INDICATOR 	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
AUDIBLE ALARM 	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DOOR LOCK 	✗	✗	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓
EMERGENCY PUSH BUTTON 	✗	✗	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓

Our Products

Cleanroom door
interlocking solutions

Cellular Lock®

Stand alone,
plug 'n play
solution

YDG Mesh®

Web-based
4.0 door
control

Pneu Lock®

Door interlocking
solutions
for ATEX
environments

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