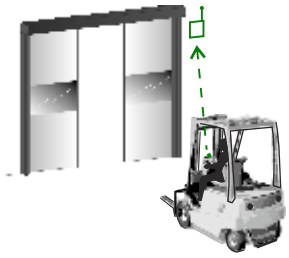
BUTZBACH
DOORS+FAÇADES

Pulse Transmitter for High-Speed Doors

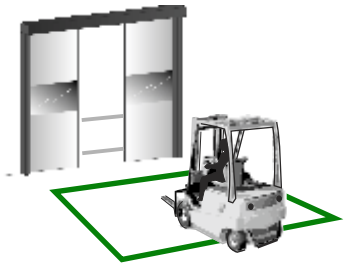
Different types of pulse transmitters may be used, depending on the industrial process and the functional need.
Upon request, but in accordance with the industrial process and the functional need, we deliver SPC (stored program control) and airlock control systems.

Mushroom button
To open the door press the mushroom button.

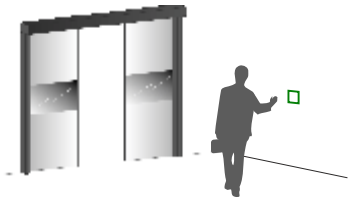
Pull switch
With the pull switch the driver can open the door manually without having to leave the vehicle.



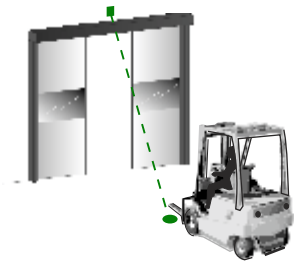
Radio control
The opening pulse is initiated manually via the radio control and is thus restricted to designated personnel. This control system is suitable for traversal traffic situations in front of the door.
Note: The operative range of the transmitter: +60°C to -10°C.



Induction loop
The induction loop responds to metallic objects only (elevating truck, forklift truck, etc.). Pedestrians do not trigger an opening pulse.
Option: For traversal traffic situations the induction loop may be located and evaluated in respect of a direction control logic.



Magic switch
Small contact-free wall sensor. Efficient and hygienic alternative to manually operated buttons. Flush mounting is possible.



Reflection light scanner (infrared)
The infrared light scanner records a limited area only in front of the door (Ø 150 mm). The opening pulse is triggered if an object, a person or a vehicle is registered within this area.
Note: Applicable up to 20 degrees below zero.

Laser scanner
The laser scanner intelligently identifies directions, as it reliably records each movement in front of the door to open it. The field of survey is adjustable (shape/ size).

Radar motion sensing device
The radar motion sensing device detects all motions in front of the door and opens it automatically. The response area is adjustable.
Note: Applicable up to 20 degrees below zero.

Radar sensor in combination with an infrared sensor
Detects the presence of persons and vehicles and opens vehicles when triggered. Parallel pedestrian/ vehicle traffic may be faded out. Critical light conditions do not effect radar sensors.

For an approach field monitoring we offer the following solutions:

Infrared sensor: Robust sensor (IP65) for presence detection of vehicles and persons in the approach field.

Photo eye for passage control: A solid and reasonably priced solution with reliable operation.

Laser scanner: The laser scanner is suitable for complicated space situations.