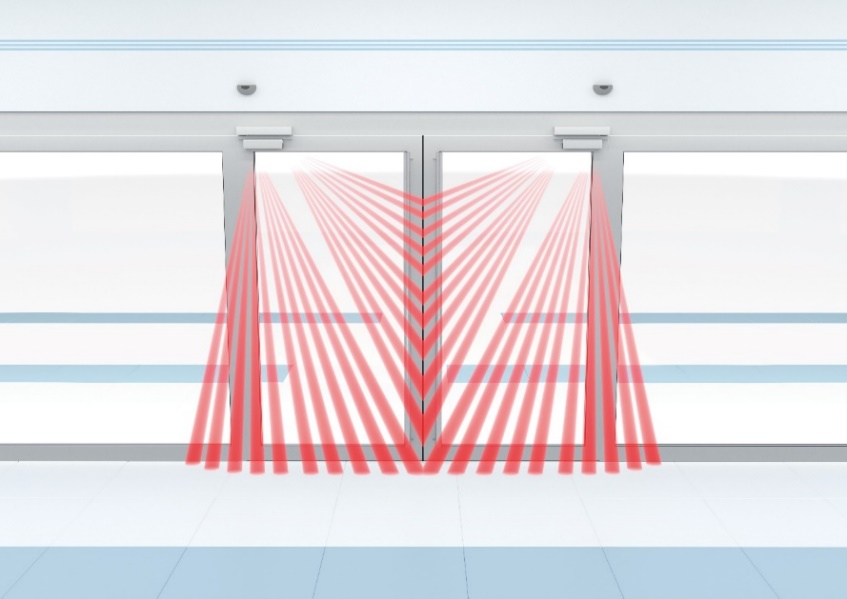
**Static ToF Sensor for Automatic Doors**

**Safety for All Door Sizes in a Compact Design**

**The new ShieldScan sees Pepperl+Fuchs implement everything that is technically and economically viable today. The latest technology time-of-flight sensor does not require rotating parts and is contained in a compact housing with an attractive design that can be discreetly accommodated in the corner of a door. The device is suitable for securing automatic doors up to 1800 mm in width.**

With an innovative concept and excellent sensor technology, the ShieldScan door sensor not only meets all safety requirements, but also offers numerous features and properties that door manufacturers, fitters, interior designers, and architects are looking for. The ShieldScan® door sensor uses a single compact sensor element to secure all revolving doors up to 1800 mm in width. It uses the superior time-of-flight technology (ToF), which masters even difficult light and ground situations. The solid-state scanner from Pepperl+Fuchs does not require a rotating mirror system, operates silently, and is characterized by high mechanical robustness. The protection field is made up of individual beams, curves in the area of the hinge edge, and provides efficient pinch protection. ShieldScan, which consists only of the housing and cover, is extremely easy to install and requires just one teach-in process. The device remembers the start of a "virtual wall," so that no additional teach-in processes are required in the event of changes in the environment. Degree of protection (IP65) makes it ideal for outdoor use.



ShieldScan detection area on a double-wing door



Subtle design



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| --- | --- |
| **Author** | Carsten Roth |
| **Keywords** | Safety sensor, automatic door, time-of-flight sensor |
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