

### Holistic support through GEZE Project Consulting

GEZE project consultants and experts are very familiar with the current standards and legal situation concerning door, window and safety technology. They will also be happy to provide advice about the new EN 16005 standard.

GEZE provides holistic support and offers perfectly coordinated solutions from a single source. Individual aesthetic concepts and ideas can be realized in accordance with standards and guidelines.

GEZE provides valuable assistance – with initial brainstorming and drafts, during planning and invitation for tenders, in the implementation phase as well as with after-sales service.

### About GEZE

GEZE develops, manufactures and sells system solutions for door, window and safety technology and is one of the global market leaders. In our own technology centre we are constantly creating innovative products and system solutions. These provide impetus for forward-looking standards in building management systems.



ON THE SAFE SIDE WITH GEZE

THE EUROPEAN SAFETY STANDARD  
EN 16005



We would be happy to send you further information.  
Feel free to contact us.

GEZE GmbH

Reinhold-Vöster-Str. 21-29

71229 Leonberg

Germany

Telephone: +49 (0) 71 52-203-0

Telefax: +49 (0) 71 52-203-310

E-mail: [info.de@geze.com](mailto:info.de@geze.com)

[www.geze.com](http://www.geze.com)

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**GEZE**

BEWEGUNG MIT SYSTEM

### A new European safety standard

The new European standard EN 16005 sets out the design requirements and testing methods used to ensure the safe use of automatic doors. The new standard has created a Europe-wide safety standard for automatic doors.

EN 16005 has been valid in 33 European countries since April 2013.

In Germany, EN 16005 has been implemented in DIN EN 16005. At the moment, DIN 18650 is still the valid safety standard. The safety level of EN 16005 is comparable to the level of DIN 18650.

### The EN 16005 standard is listed on the EC.Europa.eu platform:

<http://ec.europa.eu/growth/single-market/european-standards/harmonised-standards/machinery>

**All automatic door systems and safety sensors from GEZE meet the EN 16005 standard and are available.**



### The EN 16005 guarantees a consistent high European standard.

Up to now, the safety requirements for automatic doors have varied in most European countries. Now, the equipment for automatic door systems is prescribed in detail. This significantly increases the reliable safe use of complete systems.

### The main points regulated in the new standard concern protection at hazardous spots by:

- ▶ avoiding crushing, shearing and hurting during opening and closing through sensors
- ▶ safe distances to prevent crushing and being drawn in
- ▶ limitation of the leaf forces

### and the requirement of a high safety level for the door control unit and sensors:

- ▶ "Performance Level c" for standard doors and "Performance Level d" for emergency exits respectively (according to EN ISO 13849-1)

**A test log book and safety analyses for automatic sliding, swing and revolving doors from GEZE are available.**

### Safety makes you more successful

EN 16005 guarantees high safety standards. It documents the high quality of GEZE door systems.

GEZE has already had years of experience with the high German safety standard according to DIN 18650. As this new standard takes effect, GEZE has consolidated its position as a supplier of premium solutions for automatic door systems.

DIN 18650 and EN 16005 have become standard in Germany. You can use this competitive advantage for your customers and partners.

**For more information, visit the GEZE Website**  
[www.geze.com/EN16005](http://www.geze.com/EN16005)

