

## Type Approval Certificate (English Issue)

### P-4031/10

**Applicant:** GEZE GmbH  
Reinhold-Vöster-Straße 21-29  
71229 Leonberg

**Production plant:** GEZE GmbH  
Reinhold-Vöster-Straße 21-29  
71229 Leonberg

#### Type Approval Mark:



**Type:** Perlan AUT-NT

#### Permissible version:

- 1-leaf automatic sliding door installation, choice of right or left hand slide to open with low energy drive
- 2-leaf automatic sliding door installation centrally closing with low energy drive in the dimensions according to installation diagram; glass types: ESG / VSG

|                |               |                      |
|----------------|---------------|----------------------|
| leaf weight    | opening width | clear passage height |
| max. 1 x 80 kg | max. 3000 mm  | max. 2500 mm         |
| max. 2 x 40 kg | max. 3000 mm  | max. 2500 mm         |
- Type of construction:
  - Metal doors
  - Framed doors
  - Wooden doors
  - Glass doors

#### Permissible options:

- Signal transmitters and presence detectors in accordance with the sensor list attached as Annex I in the currently valid version

#### Testing based on the following:

1. DIN EN 16005:2013-01 + corrigendum 1:2015-10  
(German version EN 16005:2012 + AC:2015)  
Power operated pedestrian doorsets - Safety in use - Requirements and test methods
2. DIN EN 60335-1:2020-08  
(German version EN 60335-1:2012 + AC:2014 + A11:2014 + A13:2017 + A1:2019 + A2:2019 + A14:2019)  
Household and similar electrical appliances – Safety  
Part 1: General requirements
3. DIN EN 60335-2-103:2016-05  
(German version EN 60335-2-103:2015)  
Household and similar electrical appliances – Safety  
Part 2-103: Particular requirements for drives for gates, doors and windows
4. DIN EN ISO 13849-1:2016-06  
(German version EN ISO 13849-1:2015)  
Safety of machinery - Safety-related parts of control systems  
Part 1: General principles for design

5. DIN EN ISO 13849-2:2013-02  
(German version EN ISO 13849-2:2012)  
Safety of machinery - Safety-related parts of control systems  
Part 2: Validation

as well as applicable standards, regulations and directives listed in the  
aforementioned test specifications.

**Conditions:**

1. Before installing and commissioning the system, a hazard analysis must be carried out taking into account the local conditions.
2. Before commissioning, the correct setting of the driving speed and the effectiveness of the force limitation must be checked.
3. Automatic sliding doors of the type "Perlan AUT-NT" are only suitable for dry rooms and must be marked accordingly.
4. Installation of automatic sliding doors as well as the switching devices and control elements devices required for function may only be carried out by a specialist company.
5. Door leaf dimensions, door leaf weights and door leaf frames or materials must comply with the parameters of the respectively applicable and checked drawings.
6. Door leaves and side panels/support panels made of transparent materials must be marked at the installation location.
7. Every automatic sliding door must be equipped with an all-pole main switch that is secured against inadvertent or unauthorised restarting. Alternatively, the switch integrated in the drive is permitted as a main switch.
8. For every automatic sliding door, the technical documents listed below or other supplementary technical documents must be handed over to the client or operating company:  
Installation manual with the required technical documents
  - User manual with:
    - Functional description of the system
    - Measures for putting into operation
    - Notes about faults and repair work
    - Test specifications and their deadlines
  - Test log with specifications for maintenance work and relevant deadlines
  - A copy of this certificate, test mark P-4031/10.
9. Before automatic sliding doors of the type "Perlan AUT-NT" are put into operation, they must be tested by an expert and written proof of the test result must be provided.  
The door system has to be tested at least once a year by a technical expert. The manufacturer's instructions concerning maintenance intervals must be adhered to.

**Notes:**

1. There is no need to equip automatic sliding doors with an emergency control unit (emergency switch).
2. The door system has been tested for a durability of 200,000 cycles and in the temperature range of -0°C to + 50°C.
3. The type does not fulfil any requirements made for reasons of fire protection (fire resistance, smoke-proofness).
4. The type approval certificate is valid until 31/12/2025. It may be necessary to repeat the test if major changes are made to the technical regulations.
5. This certificate replaces certificate P-4031/10 dated 08/05/2019.

Zella-Mehlis/Germany, 13/12/2021  
Technischer Überwachungsverein Thüringen e.V.  
Test Centre for Construction Products

Dipl.-Ing. (FH) Reichelt  
Head of the Test Centre

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