



**OPEN
AUTOMATIONS
SOLUTIONS**

Official
Partner



GEZE GC 302
SENSOR BUTTONS

Overview

GEZE activation devices and sensor systems

Activation of automatic drives

For the reliable operation of an automatic door, the choice of the appropriate activation devices is of considerable importance. The product range of the GEZE activation devices offers the optimum activation device for every door situation. GEZE activation devices

control and safeguard all GEZE automatic solutions according to international standards. They enable complete solutions from a single source, to be designed to meet individual needs.

Automatic swing door systems



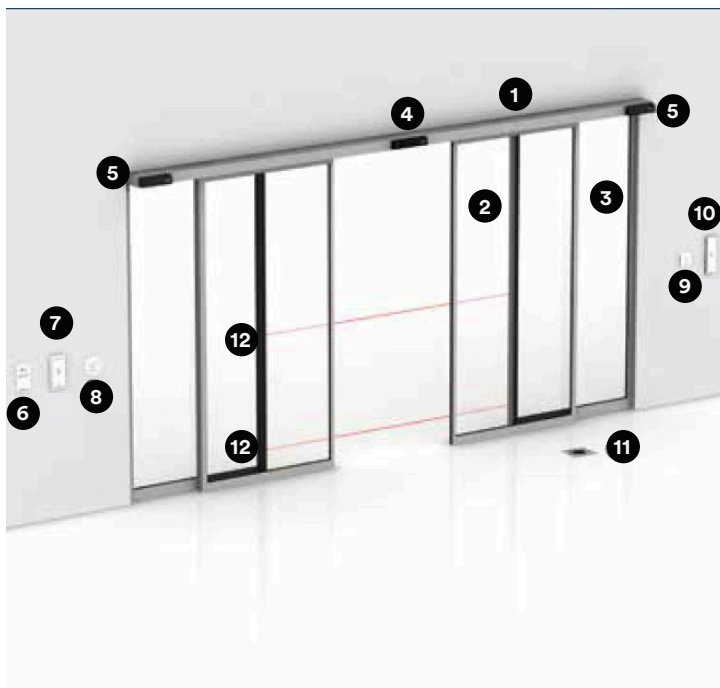
Automatic swing door systems from GEZE ease the access of a door every time when the manual opening is too hard or inconvenient. They are recommended in public as well as in private buildings, when convenience, accessibility, safety and hygiene are necessary or when energy has to be saved: in shopping centres, schools, office or industrial buildings, airports, clinics, vestibules or in private homes.

1 swing door drive	2 radar movement detector	3 plastic elbow switch	4 programme switch with key switch	5 proximity switch	6 elbow switch
7 LED sensor button glass	8 manual trigger switch	9 LED sensor foot switch	10 safety sensor		

Overview

GEZE activation devices and sensor systems

Automatic sliding door systems



Sliding doors are space-saving, elegant and modern. As glass solutions, they are ideal when it comes to making good use of daylight and fulfilling optical criteria. Automatic sliding door systems from GEZE can be used to implement an extremely wide range of application requirements within one building. In the entrance area, in vestibules or for automating internal doors, the automatic sliding doors from GEZE combine design and barrier-free convenience. They also meet the demands made on escape and rescue routes.

1 sliding door drive	2 moving leaf	3 fixed panel	4 combined detector	5 active infrared light curtain	6 programme switch with key switch
7 plastic elbow switch	8 LED sensor button glass	9 proximity switch	10 elbow switch	11 LED sensor foot switch	12 photoelectric barriers

Overview

GEZE activation devices and sensor systems

DIN 18650

The industrial standard DIN 18650 was created to be able to guarantee operators and users of automatic doors optimum safety. GEZE automatic doors as well as activation devices and sensor systems are type-tested according to DIN 18650 and certified.

EN 16005

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

Automatic revolving door systems



The TSA 325 NT drive variant with its customer specific diameter as well as height and canopy height is the focal point of modern façade design – especially in large and representative buildings. Different materials for door leaves and drum walls offer a variety of design options. The revolving door is designed to take heavy loads and is thus the ideal solution for places that have a high frequency of visitors. Thanks to its high insulating effect against weather conditions, it also saves energy and ensures a good, consistent indoor climate.

1

revolving door drive
(can alternatively be
installed in the floor)

2

radar movement
detector

3

active infrared
light curtain

4

emergency stop
button

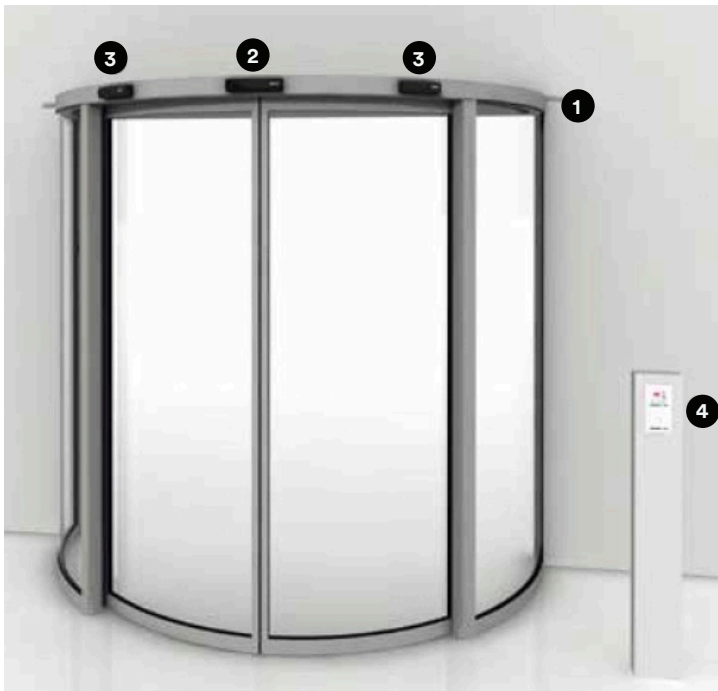
5

programme switch
with key switch
(bollard on-site)

Overview

GEZE activation devices and sensor systems

Automatic curved sliding door systems



Automatic curved sliding door systems are a function and design element at the same time. Even with small outer dimensions, they create enormous space for passage. The door systems can be given a convex or concave form and can be connected to the building in different ways.

1

sliding door drive

2

combined detector

3

active infrared light curtain

4

programme switch with key switch (bollard on-site)

Overview

Table for the application of activation devices on automatic door systems

Activation devices on automatic door systems				
Key	● = Yes			
	Swing doors	Sliding doors	Circular sliding doors	Revolving swing doors
Activation				
Radar movement detector	●	●	●	●
AIR movement detector	●			
Wireless programme	●	●	●	
Mechanical push button	●	●	●	
Sensor push button	●	●	●	
Rotary switch contact	●			
Presence detectors				
Light barriers		●		
Safety sensor	●			●
AIR light curtains		●	●	●
Laser scanner	●			
Combined detectors				
Detector including AIR light curtain		●	●	
Programme switches				
Programme switch	●	●	●	●
Key switch	●	●	●	●
Main / safety switch	●	●	●	●
Smoke switches and control units				
Smoke switches and control units	●			

GEZE sensor buttons



GEZE LED sensor buttons

Capacitive buttons for opening and closing automatic doors with high hygiene requirements

GEZE LED sensor buttons are offered for a wide range of installations: wall or floor installation. All LED sensor buttons can be used inside and outside, if high standards of hygiene, accessibility, IP protection or robustness are required.

		
<p>LED sensor button</p>	<p>LED sensor button glass</p>	<p>LED sensor button 20 mm</p>
		
<p>LED sensor foot switch</p>		

Area of application

- Activation of automatic swing, sliding, folding, revolving and curved sliding doors
- For use in inside and outside areas
- Use in restaurants for activation by foot

GEZE LED sensor buttons

Capacitive buttons for opening and closing automatic doors with high hygiene requirements

	LED sensor button	LED sensor button glass	LED sensor foot switch	LED sensor button 20 mm
Specification	<ul style="list-style-type: none"> • PNP/NPN closing contact • Switching voltage: max. 24 V DC • Switching current: max. 400 mA • Current consumption: max. 35 mA at 24 V 	<ul style="list-style-type: none"> • PNP/NPN closing contact • Switching voltage: max. 24 V DC • Switching current: max. 400 mA • Current consumption: max. 35 mA at 24 V 	<ul style="list-style-type: none"> • PNP closing contact • Switching voltage: max. 24 V DC • Switching current: max. 400 mA • Current consumption: max. 30 mA at 24 V 	<ul style="list-style-type: none"> • PNP closing contact • Switching voltage: max. 24 V DC • Switching current: max. 400 mA • Current consumption: max. 20 mA at 24 V
Version	flush mounting	surface-mounting	surface-mounting	surface-mounting
IP rating	IP69	IP69	IP69K	IP69K
Dimensions	Ø 100 mm	Ø 100 mm	100 × 100 mm	Ø 28.5 mm
Accessories	<ul style="list-style-type: none"> • Mounting ring flat flach, ID no. 139009 • Mounting ring high, ID no. 139010 		Base assembly, ID no.182941	
ID no.	137529	143412	182936	143273



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