

Product data sheet

GC 308 *



Radar movement detector with individual adjustment option
for activating automatic doors

AREAS OF APPLICATION

- Activation of automatic swing and revolving doors
- Interior and exterior doors

PRODUCT DESCRIPTION

Radar sensors provide the most convenient and barrier-free access to automatic swing doors. The GC 308 R for automatic swing door systems and revolving doors sets new standards in this area, thanks to its compact design and simplified commissioning. Our GC 308 is a directionally-sensitive radar movement detector. Regardless of the installation situation, it can be installed on all types of automatic doors.

PRODUCT FEATURES

- Individual settings for challenging environmental conditions
- Configuration possible via push buttons or remote control
- Compact dimensions, suitable for 7 cm profile heights
- Integrated motion tracking also records slow movements
- Movement direction detection and cross-traffic fade-out reduces energy consumption in the building
- Door opening impulse only triggered if needed

TECHNICAL DATA

Productname	GC 308 *
Dimensions	120 x 50 x 50 mm
Technology	Electromagnetic radar waves
Operating voltage	12-24 V DC +30% / -10% / 12-24 V AC ± 10%
Switching voltage	42 V DC
Operating current	100 mA
Output	Potential-free relay contact
IP rating	IP54
Connection type	System plug-type connector
Connector cable length	2500 mm
Installation height (min.)	1800 mm
Installation height (max.)	4000 mm
Transmission frequency	24.15 GHz
Weight	120 g
Service temperature	-20 - 55 °C
Humidity	0-95 % relative, non-condensing
Approvals	RED 2014/53/EU, RoHS 2011/65/EU

VARIANTS / ORDER INFO

Designation	Description	Ident-No.	Colour	Dimensions	Output
GC 308 R radar movement detector *	Activation of automatic drives	203605	stainless steel colour	120 x 50 x 50 mm	Potential-free relay contact
GC 308 R radar movement detector *	Activation of automatic drives	203603	black	120 x 50 x 50 mm	Potential-free relay contact
GC 308 R radar movement detector *	Activation of automatic drives	203604	white	120 x 50 x 50 mm	Potential-free relay contact

ACCESSORIES**GC 308 CEILING INSTALLATION KIT ***

Installation kit for integrating the detector in the ceiling



Designation	Description	Ident-No.	Colour	Dimensions	Type of installation
GC 308 ceiling installation kit *	Installation kit for integrating the detector in the ceiling	203607	black	190 x 190 x 65 mm	Concealed in the ceiling
GC 308 ceiling installation kit *	Installation kit for integrating the detector in the ceiling	203608	white	190 x 190 x 65 mm	Concealed in the ceiling

GC 308 INSTALLATION BRACKET *

For attaching the sensor to the ceiling



Designation	Description	Ident-No.	Colour	Dimensions	Type of installation
GC 308 installation bracket *	For attaching the sensor to the ceiling	203609	black	120 x 67 x 45 mm	Ceiling, Lintel

GC 308 RETROFIT INTERFACE *

For easy and time-saving connection of the sensor on pre-cabled doors



Designation	Description	Ident-No.
GC 308 retrofit interface *	For simple and time-saving wiring of the sensor on pre-wired doors. (1 packaging unit = 12 pieces)	203627

GC 308 WEATHER HOOD *

Protects the sensor when installed outdoors



Designation	Description	Ident-No.	Colour	Type of installation
GC 308 weather hood *	Protection against precipitation in outdoor use	203610	black	Surface-mounted

* The products designated above may vary in form, type, characteristics, function, or availability depending on the country. Please get in touch with your GEZE contact person if you have any questions.