

Product data sheet

GC 342



Laser scanner for the protection of automatic doors and windows with integrated object and wall blanking

AREAS OF APPLICATION

- Protection of automatic swing and revolving doors
- Interior and exterior doors
- Use on doors up to 1600 mm leaf width
- Complicated flooring, such as reflective floors, entrance mats, metal rails
- Use on doors with continuous vertical pull handle
- Protection of the main and secondary closing edges on automated windows

PRODUCT FEATURES

- Compact and space-saving safety sensor
- Narrow detection area secures door leaf widths up to max. 1600 mm
- Integrated object and wall blanking near maximum door opening
- Protection area on the main closing edge is automatically expanded depending on the door angle
- Automatized teaching of the system with the push of a button
- Avoidance of hazards at pinching and shearing edges on automated windows

TECHNICAL DATA

Productname	GC 342
Dimensions	143 x 86 x 40 mm
Technology	Laser scanner, time-of-flight measurement
Number of active infrared detectors	1
Operating voltage	12-24 V DC \pm 15%
Output	2 potential-free relay contacts
IP rating	IP54
Connector cable length	2500 mm
Installation height (min.)	1500 mm
Installation height (max.)	3870 mm
Reaction time	Door leaf safety: < 50 ms / pinch zone safety: < 90 ms
Service temperature	-30 - 60 °C
Humidity	0-95 % relative, non-condensing
Standard conformity	DIN 18650, EN 16005

VARIANTS / ORDER INFO

Designation	Description	Ident-No.	Colour	Dimensions	Output
GC 342 (left module)	Laser scanner with one laser curtain for protection of the swivelling range of automatic swing doors / consisting of sensor module, cable and accessories	167433	white	143 x 86 x 40 mm	2 potential-free relay contacts
GC 342 (right module)	Laser scanner with one laser curtain for protection of the swivelling range of automatic swing doors / consisting of sensor module, cable and accessories	167435	black	143 x 86 x 40 mm	2 potential-free relay contacts
GC 342 (left module)	Laser scanner with one laser curtain for protection of the swivelling range of automatic swing doors / consisting of sensor module, cable and accessories	167434	stainless steel colour	143 x 86 x 40 mm	2 potential-free relay contacts
GC 342 (left module)	Laser scanner with one laser curtain for protection of the swivelling range of automatic swing doors / consisting of sensor module, cable and accessories	167432	black	143 x 86 x 40 mm	2 potential-free relay contacts

Designation	Description	Ident-No.	Colour	Dimensions	Output
GC 342 Kit	Laser scanner with one laser curtain for protection of the swivelling range of automatic swing doors / consisting of two sensor modules, cable and accessories	167439	white	143 x 86 x 40 mm	2 potential-free relay contacts
GC 342 (right module)	Laser scanner with one laser curtain for protection of the swivelling range of automatic swing doors / consisting of sensor module, cable and accessories	167437	stainless steel colour	143 x 86 x 40 mm	2 potential-free relay contacts
GC 342 Kit	Laser scanner with one laser curtain for protection of the swivelling range of automatic swing doors / consisting of two sensor modules, cable and accessories	167438	black	143 x 86 x 40 mm	2 potential-free relay contacts
GC 342 (right module)	Laser scanner with one laser curtain for protection of the swivelling range of automatic swing doors / consisting of sensor module, cable and accessories	167436	white	143 x 86 x 40 mm	2 potential-free relay contacts
GC 342 Kit	Laser scanner with one laser curtain for protection of the swivelling range of automatic swing doors / consisting of two sensor modules, cable and accessories	167440	stainless steel colour	143 x 86 x 40 mm	2 potential-free relay contacts

ACCESSORIES

GC 342 / GC 342+ FIRE PROTECTION ADAPTER *

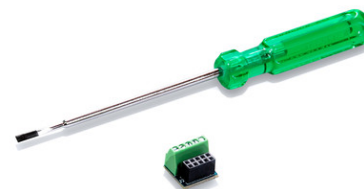
Necessary for laying the connection cable hinge side/opposite hinge side with drill hole diameters of 5 mm



Designation	Description	Ident-No.
GC 342 fire door adaptor *	Including door connection cable BS/BGS. Reduces the necessary borehole diameter from 10 mm to 5 mm	189384

GC 342 RETROFIT INTERFACE *

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



GC 342 PROTECTION HOOD SET *

Avoids the activation of radar detectors installed near the sensor



Designation	Description	Ident-No.	Colour
GC 342 protection hood set	consisting of two covers (left and right variant)	188669	black
GC 342 protection hood set	consisting of two covers (left and right variant)	188670	EV1
GC 342 protection hood set	consisting of two covers (left and right variant)	188671	according to RAL

* 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.