

Product data sheet

GC 342+ *



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

AREAS OF APPLICATION

- Protection of automatic swing doors, especially for the secondary closing edge
- 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



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
- Automated teaching of the system with the push of a button
- Avoidance of hazards at pinching and shearing edges on automated windows
- Four laser curtains secure a large area, and prevent the door from closing if there is anybody within the door frame
- Laser curtains can be used for non-contact door control via an output signal

TECHNICAL DATA

| | |
|-------------------------------------|--|
| Productname | GC 342+ * |
| Dimensions | 145 x 88 x 68 mm |
| Technology | Laser scanner, time-of-flight measurement |
| Number of active infrared detectors | 4 |
| Operating voltage | 12-24 V DC ± 15% |
| Output | 3 potential-free relay contacts |
| IP rating | IP44 |
| Connector cable length | 2500 mm |
| Installation height (min.) | 1500 mm |
| Installation height (max.) | 3870 mm |
| Reaction time | Typically < 120 ms / max. 220 ms (2nd curtain) |
| Service temperature | -25 - 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 four laser curtains for optimal protection of the hazardous areas - including the secondary closing edge - of automatic swing doors; additional output for non-contact activation / consisting of sensor module, cable and accessories | 198693 | stainless steel colour | 145 x 88 x 68 mm | 3 potential-free relay contacts |
| GC 342+ (left module) * | Laser scanner with four laser curtains for optimal protection of the hazardous areas - including the secondary closing edge - of automatic swing doors; additional output for non-contact activation / consisting of sensor module, cable and accessories | 198669 | black | 145 x 88 x 68 mm | 3 potential-free relay contacts |

| Designation | Description | Ident-No. | Colour | Dimensions | Output |
|--------------------------|---|-----------|------------------------|------------------|---------------------------------|
| GC 342+ (left module) * | Laser scanner with four laser curtains for optimal protection of the hazardous areas - including the secondary closing edge - of automatic swing doors; additional output for non-contact activation / consisting of sensor module, cable and accessories | 198671 | white | 145 x 88 x 68 mm | 3 potential-free relay contacts |
| GC 342+ (right module) * | Laser scanner with four laser curtains for optimal protection of the hazardous areas - including the secondary closing edge - of automatic swing doors; additional output for non-contact activation / consisting of sensor module, cable and accessories | 198694 | stainless steel colour | 145 x 88 x 68 mm | 3 potential-free relay contacts |
| GC 342+ (right module) * | Laser scanner with four laser curtains for optimal protection of the hazardous areas - including the secondary closing edge - of automatic swing doors; additional output for non-contact activation / consisting of sensor module, cable and accessories | 198670 | black | 145 x 88 x 68 mm | 3 potential-free relay contacts |
| GC 342+ (right module) * | Laser scanner with four laser curtains for optimal protection of the hazardous areas - including the secondary closing edge - of automatic swing doors; additional output for non-contact activation / consisting of sensor module, cable and accessories | 198692 | white | 145 x 88 x 68 mm | 3 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 |

* 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.