

Product data sheet

GC 342

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



Product features

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| Compact and space-saving safety sensor |
| Close-knit detection area secures leaf widths of up to max. 1600 mm |
| Integrated object and wall blanking near maximum door opening |
| Protection field on the main closing edge is automatically expanded depending on the door angle |
| Automatized teaching of the system with the push of a button |
| All settings can be conveniently made by DIP switch |
| Door leaf installation hinge side |

Application Areas

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| Protection of automatic swing doors |
| Interior and exterior doors |
| Use on doors up to 1600 mm leaf width |
| Complicated flooring, such as reflective floors, scraper mats, metal rails |
| Use on doors with continuous vertical pull handle |

Product Data Table

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| Productname | GC 342 |
| Technology | Laser scanner, time-of-flight measurement |
| Operating voltage | 24 V DC \pm 15 % |
| Output | Transistor output, max. 42 V DC, max. 100 mA |
| Height | 86 mm |
| Overall depth | 143 mm |
| Depth | 40 mm |
| Installation height (min.) | 1500 mm |
| Installation height (max.) | 3870 mm |
| Length of power supply cable | 2500 mm |
| Reaction time | Door leaf safety: < 50 ms / pinch zone safety: < 90 ms |
| IP rating | IP54 |
| Operating temperature | -30 °C 60 °C |
| Humidity | 0-95 % relative, non-condensing |
| Approvals | DIN 18650, EN 16005 |

Accessory

| Product name |
|------------------------|
| GC 342 cover set |
| GC 342 cable set |
| GC 342 mounting plates |
| GC 342 accessories |
| Remote control GC 302 |