

BFL

Технические характеристики

По вопросам продаж и поддержки обращайтесь:

Алматы (7273)495-231	Казань (843)206-01-48	Новокузнецк (3843)20-46-81	Смоленск (4812)29-41-54
Архангельск (8182)63-90-72	Калининград (4012)72-03-81	Новосибирск (383)227-86-73	Сочи (862)225-72-31
Астрахань (8512)99-46-04	Калуга (4842)92-23-67	Омск (3812)21-46-40	Ставрополь (8652)20-65-13
Барнаул (3852)73-04-60	Кемерово (3842)65-04-62	Орел (4862)44-53-42	Сургут (3462)77-98-35
Белгород (4722)40-23-64	Киров (8332)68-02-04	Оренбург (3532)37-68-04	Тверь (4822)63-31-35
Брянск (4832)59-03-52	Краснодар (861)203-40-90	Пенза (8412)22-31-16	Томск (3822)98-41-53
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Вологда (8172)26-41-59	Липецк (4742)52-20-81	Рязань (4912)46-61-64	Ульяновск (8422)24-23-59
Воронеж (473)204-51-73	Магнитогорск (3519)55-03-13	Самара (846)206-03-16	Уфа (347)229-48-12
Екатеринбург (343)384-55-89	Москва (495)268-04-70	Санкт-Петербург (812)309-46-40	Хабаровск (4212)92-98-04
Иваново (4932)77-34-06	Мурманск (8152)59-64-93	Саратов (845)249-38-78	Челябинск (351)202-03-61
Ижевск (3412)26-03-58	Набережные Челны (8552)20-53-41	Севастополь (8692)22-31-93	Череповец (8202)49-02-64
Иркутск (395)279-98-46	Нижний Новгород (831)429-08-12	Симферополь (3652)67-13-56	Ярославль (4852)69-52-93
Россия (495)268-04-70	Киргизия (996)312-96-26-47	Казахстан (7172)727-132	

Sense

BFL, the invisible screen for your safety

The BFL series is the brand new Carlo Gavazzi infrared light curtain for lift door control.

The secure and safe operation of the closing doors in elevators is the aim of these specialised sensors. BFL light curtains detect a person or an object in order to avoid physical contact with the doors: whenever a beam is broken, the output signal generated by BFL causes the re-opening of the doors.



Time Saving



Diagnostic Warning



Space Optimization



Inventory Reduction



Cost Saving



Long Term Reliability



Save money and time...

Fast and economical installation, diagnostic LEDs, reliability, high immunity to light even if reflected from shiny objects, robust plastic housing means less downtime for your elevators door operations!

High technology...

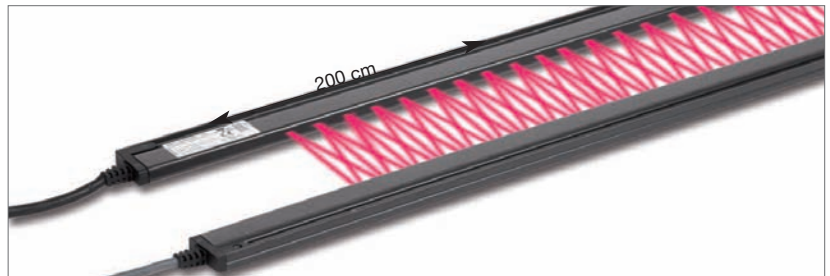
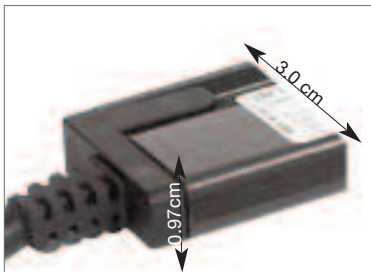
Our technicians have applied the most sophisticated and up-to-date technology to make lift door control as safe and user friendly as you would like it to be. A 100% made in Italy quality is our guarantee of success, first class design and performance for a wide range of new and existing lifts.

Safety solutions for lifts

Two housing versions packed with innovative features, to work with a wide range of new and existing lifts

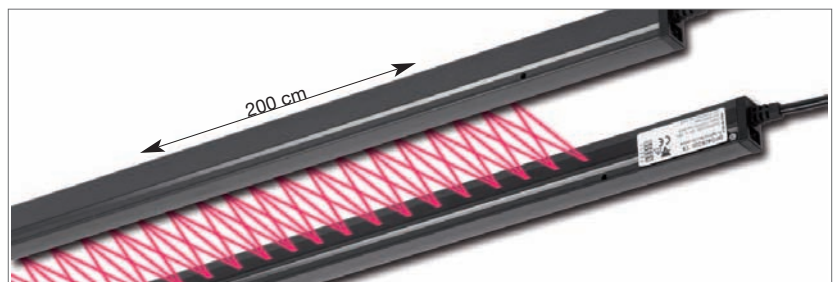
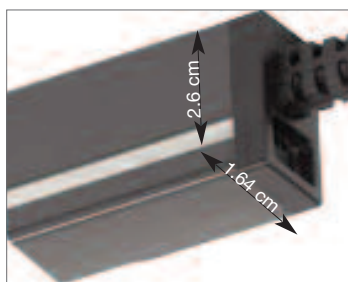
- Timeout function
- Blanking function
- Power supply: 10 to 30 VDC
- Protected height up to 2.0 m (6.6')
- Operating distance (4 m/13.1')
- Configurable NO/NC, NPN/PNP, voltage free transistor output

- CE Marking
- UL and CSA approvals



Choose your Item for Edge Sensing

Code	Height	Diodes / Beams	IP Rating	Output
BFL 104 E 200 I	200 cm / 6.6'	22 / 104	IP65	Configurable NO/NC, NPN/PNP, voltage free transistor output
BFL 194 E 200 I	200 cm / 6.6'	40 / 194	IP65	
BFL 104 E 200	200 cm / 6.6'	22 / 104	IP54	
BFL 194 E 200	200 cm / 6.6'	40 / 194	IP54	



Choose your Item for Side Sensing

Code	Height	Diodes / Beams	IP Rating	Output
BFL 104 S 200 I	200 cm / 6.6'	22 / 104	IP65	Configurable NO/NC, NPN/PNP, voltage free transistor output
BFL 194 S 200 I	200 cm / 6.6'	40 / 194	IP65	
BFL 104 S 200	200 cm / 6.6'	22 / 104	IP54	
BFL 194 S 200	200 cm / 6.6'	40 / 194	IP54	

Accessories

BFLDIN and BFLBOX

If the power supply of your system is not DC or rectified AC, Carlo Gavazzi provides the solution! BFLDIN and BFLBOX are power supply units with an SPST output relay and a built-in buzzer. The former is included in the Mini DIN-rail housing, suitable for both back and front panel mounting, the latter includes the BFLDIN unit and ensures the IP55 protection degree.

BFLDIN

The BFLDIN is available in two versions: BFLDIND23 and BFLDIND48.

The first one provides a power supply from 100 to 240 V AC/DC, the second one from 24 to 48 V AC/DC: BFLDIN helps you where a DC or rectified AC supply voltage is not available. Its 5A SPST relay and the built in buzzer repeat the status of the BFL output. You can program the relay working mode and the buzzer by DIP switches.



BFLBOX

If you need a much higher IP protection degree or to mount the power supply unit on the car top where a DIN rail is not available, BFLBOX is “the” solution: it includes the BFLDIN in a plastic case that can be very easily fixed with 4 screws.

Like BFLDIN, it is available in two versions: BFLBOXD23 and BFLBOXD48.



Protections

BFLPS

The BFLPS series provides the protection of our BFL lift light curtains in those freight elevators where forklift trucks might damage the light curtains.

The BFLPS is a very robust metallic protection made by iron alloy, which does not affect the performance of the light curtain!

This protection must be fixed by screws on the freight elevator cabin.



More lights, more performance, more safety, the BFL is up-to-date...

New BFL beats old BFL 6 to 1.

We provide you 6 output solutions in one model only!

IP 65 protection degree.

Line available also with IP65 Protection Degree.

Housing material.

No more stealing of aluminium with the robust PC ABS plastic housing!

Blanking function.

Allows to inhibit part of the light curtain beam pattern.

Wide power supply range.

Whatever your power supply is, BFL can be connected, also with rectified only voltage.

104 or 194 criss-cross beams mean more resolution.

We offer you a new line of infrared beams protection grids with an increased number of beams.



Other important features...

Dynamic or static mounting.

You can mount BFL either to the car door wings or to the slam post.

LEDs indications.

They make it very easy to understand if anything is not working with the BFL Series.

High movement cable.

It is certified according to the EN 50396 European Norm for low voltage cable.

Timeout function.

No system shutdown, even if the BFL device is partially damaged or locked due to vandalism.

Protected against polarity reversal and short circuit.

No more damages due to human error.

Automatic level adjustment.

You do not have to worry either about dirt and dust on the lens, or about reflections and/or cross-talk.

Totally immune to ambient light.

You can install them with direct sunlight exposure.

Designed according to EN81-70 requirements.

BFL improves the use of elevators for people with disabilities.

UL approvals.

In accordance with the American requirements.

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