

Safety for
all automatic doors



■ Infrared barrier composed by an emitter and a receiver with rectangular heads and with integral amplification

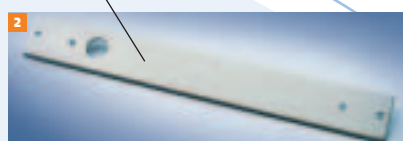
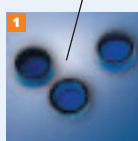
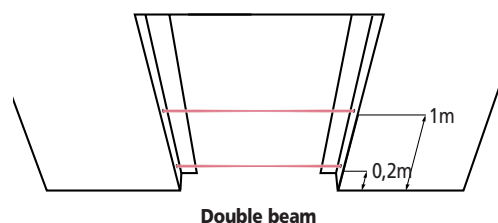
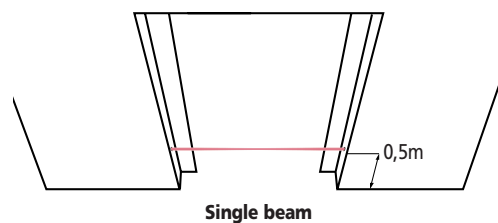
- Meets the requirements of the new CEN norm, and of the french "arrêté ministériel" about automatic doors, thus being appropriate for fitting all existing doors in accordance with this regulation (if the door control can actively monitor the beams)
- Small size heads, easy to fit in most sections, easy to mount, and no settings
- Enables a mounting very close to the floor (20 cm) a long range (up to 5 m) and can be lightly out of alignment
- Protected against short time wrong connections and immunized against disturbance caused by surrounding light (sun or artificial light)
- Benefits from a front cover accessory (SBK-111/FC) to mount the SBK-111 from the front of the section (in case of no opening on the back)



Description

- 1 Emitter
- 2 Receiver

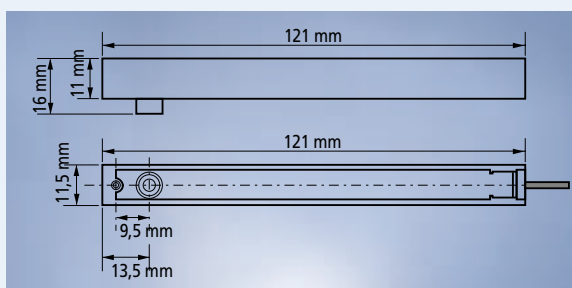
Sensing fields



Accessories

- 1 RPC : rain protection cover
- 2 FC : front cover to mount the SBK-111 from the front of the section (in case of no opening on the back)

Dimensions



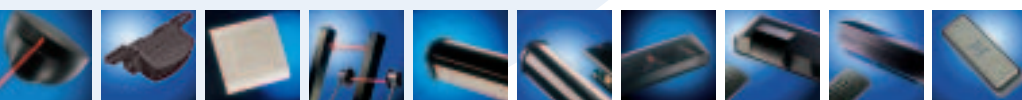
Technical specification

Technology	active infrared
Mounting height	minimum 0,2m above the floor
Distance between the beams	minimum 0,2m (crossed beams)
Range	<ul style="list-style-type: none"> • minimum range 0,3m • maximum range 5 m
Half opening angle of the beam	8°
Detection mode	Presence (beam interruption)
Response time	< 6 ms
Supply voltage	12 to 24 V DC -5/+20%
Current consumption	<ul style="list-style-type: none"> • emitter < 30 mA • receiver < 10 mA
Output	Open collector transistor (NPN or PNP)
<ul style="list-style-type: none"> • max. voltage 30 V DC • max. current 20 mA • voltage drop 2 V under 20 mA 	
Temperature range	-20°C to +55°C (-4° F to + 131° F)
Immunity	<ul style="list-style-type: none"> • sunlight 75000 LUX • incandescent lamp 25000 LUX under an 8° angle
Dimensions	121 mm(H) x 11,5 mm(W) x 11 mm(D)
Weight (cable included)	<ul style="list-style-type: none"> • emitter 0,120 Kg • receiver 0,160 Kg
Material	ABS
Housing colour	black
Cable length	6 m

Application



Subject to change without notice



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