

Adjustment:

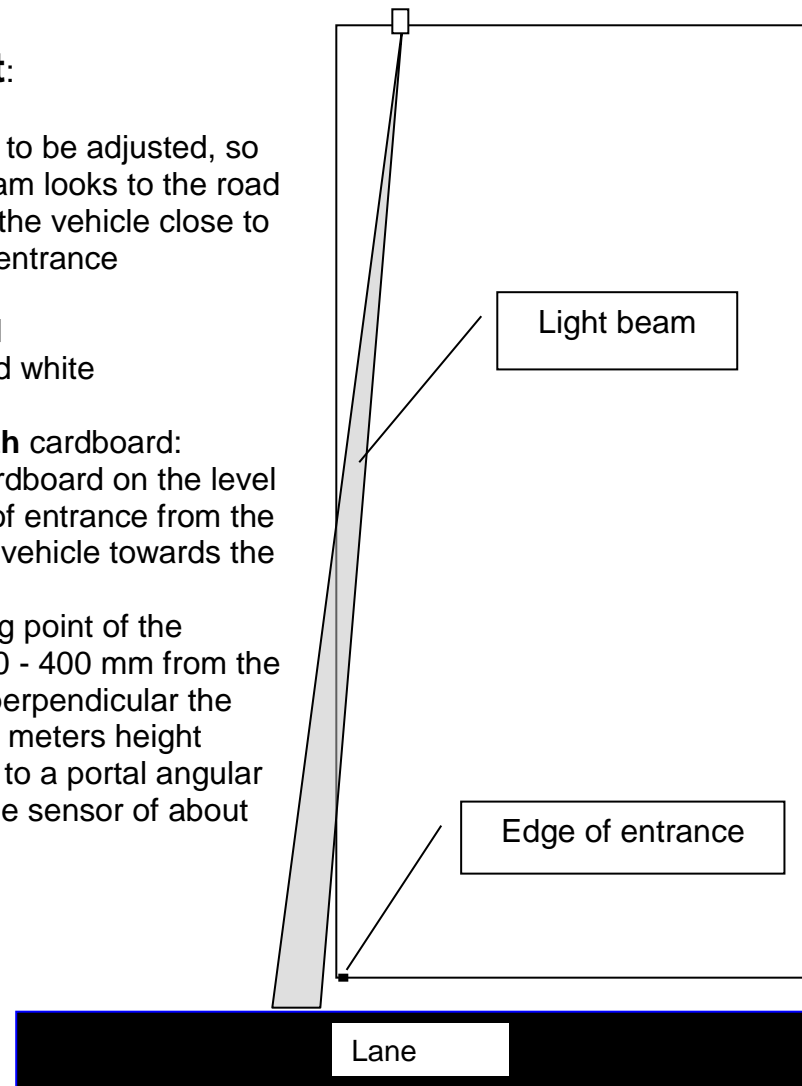
Trafficon Line is to be adjusted, so that the light beam looks to the road surface outside the vehicle close to the edge of the entrance

Adjustment aid

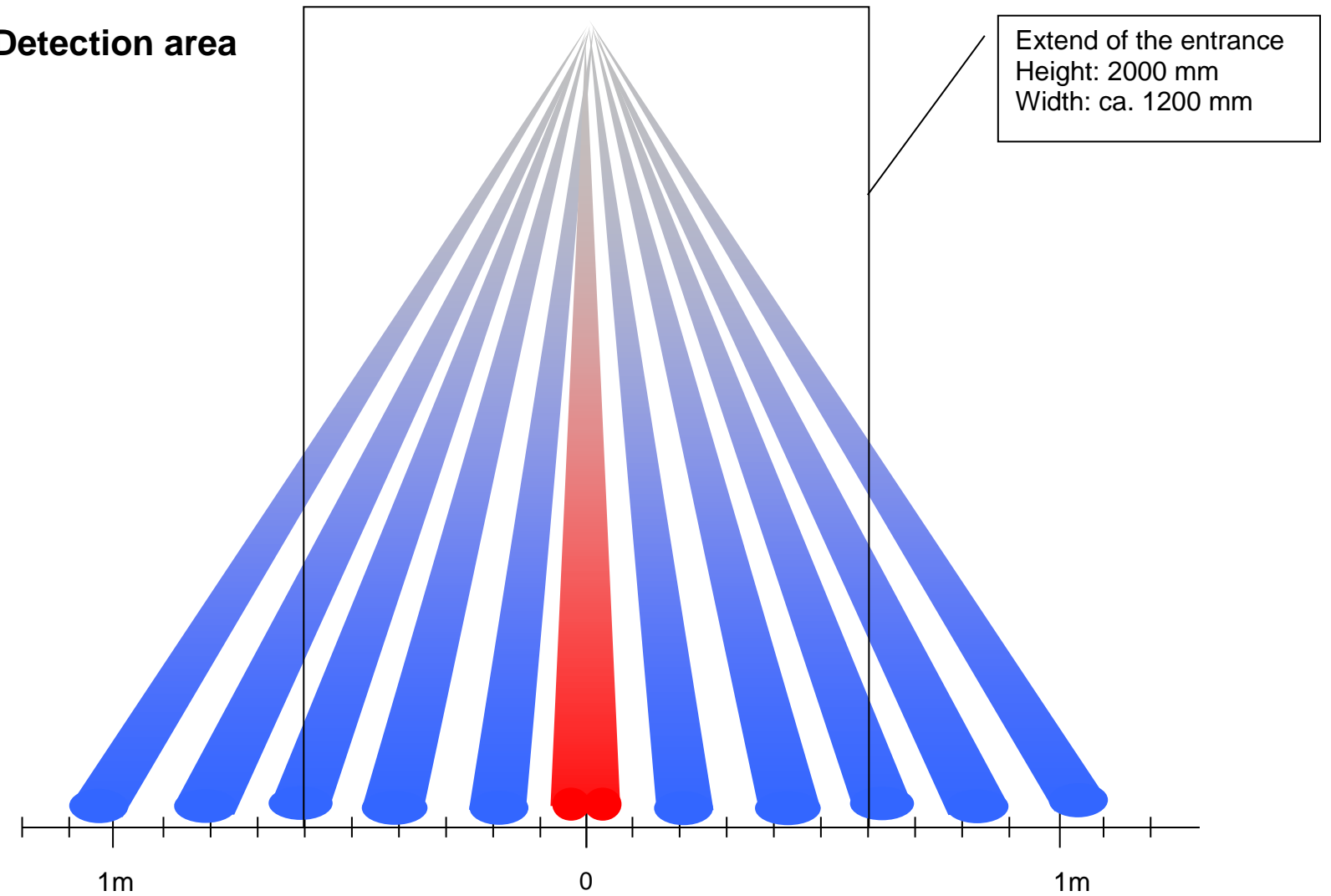
- A4 cardboard white

Adjustment with cardboard:

- Move the cardboard on the level of the edge of entrance from the inside of the vehicle towards the outside
- The switching point of the sensor is 350 - 400 mm from the vertical are perpendicular the sensor. At 2 meters height corresponds to a portal angular position of the sensor of about 9°.



Detection area



Technical data:

Supply voltage:	12-30 V DC
Current consumption:	Max. 100 mA
Response time on / off	Ca. 50 ms / 200 ms
Signal output:	1 PNP transistor, short circuit protected Switching voltage 30 V DC Switching current 200 mA
Switching mode:	Output on by detection
Signal input IN:	High: >10 V DC to 30 V DC Low: <9 V DC to 0 V DC or open
Detection area	At 2000 mm mounting height Maximum detection area 2300 mm x 80 mm Minimum detection area 160 mm x 80 mm
Operating temperature:	- 25 °C to +60 °C
Standards:	EN60947-5-2 EN50155 EN50121-3-2

Connections:

Type of connection: Fixed cable 1000 mm, halogen free

Pin assignment:

Signal	cable color
Signal output	gn
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Ub+	br
IN (Trigger from door control)	ye
GND	wt

Move & Traffic Controls

Trafficon Line

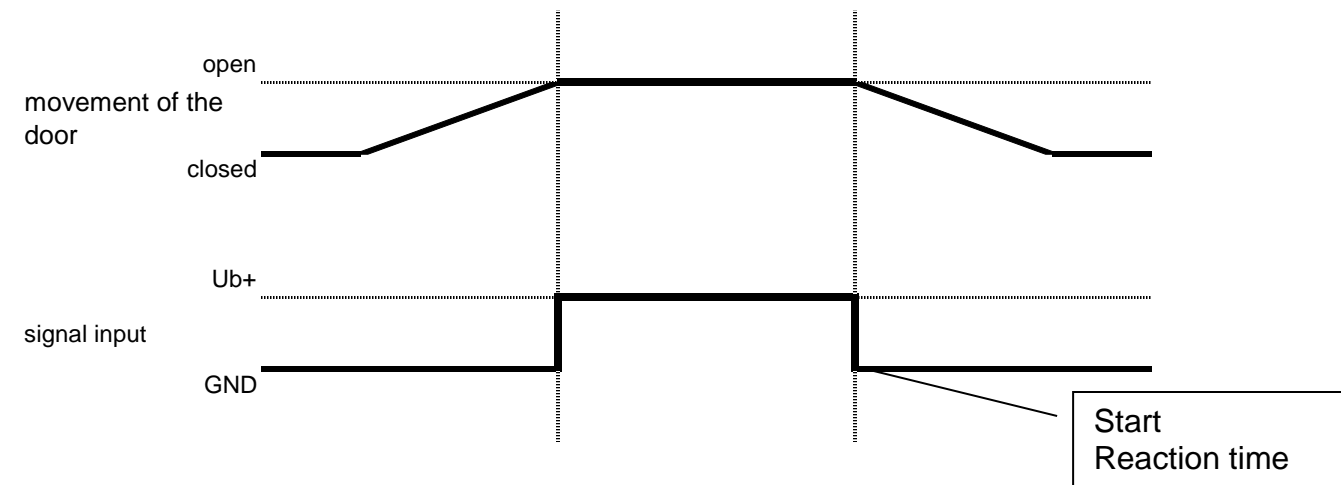
Articel name: STR10/E1-UP
Articel number: 9150010

Compiled by: Volker Trapp
Compiled on: 16.02.2017
Customer:

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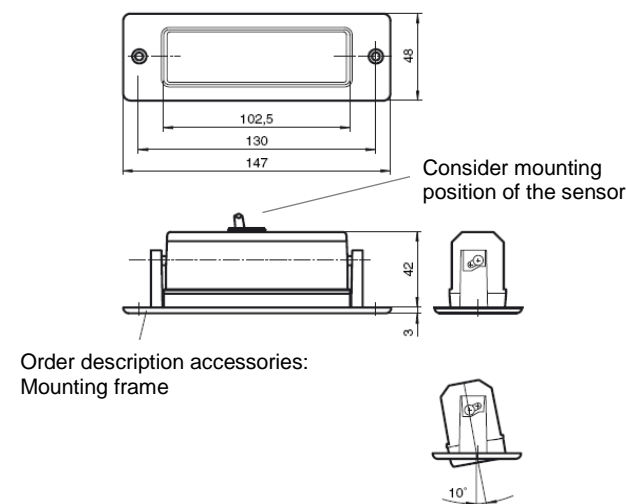


Timing diagram for signal input IN

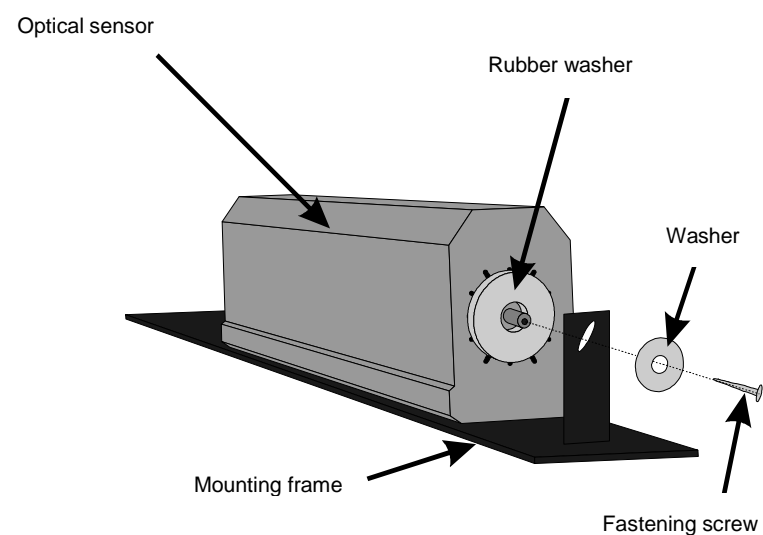


Dimensions

Version with mounting frame (loosely enclosed)



Mounting



Function / Function display:

Starting situation: door is closed

1. Switching on the supply voltage

Indicator -LED: - flashing for ca. 1,5 s and goes OFF
 Signal input IN: - connected to 0 V or GND
 Detection area: - the small detection area (e.g. 1 beam) is active
 Signal output: - active when object is detected

2. Door opens

Indicator -LED: - OFF if no object is detected, ON if an object is detected
 Signal input IN: - connected to 0 V or GND
 Detection area: - the small detection area (e.g. 1 beam) is active
 Signal output: - active when object is detected

3. Door stands open

Indicator -LED: - flashing for ca. 1,5 s or as long as there is movement inside the detection area
 Signal input IN: - rising edge to Ub+
 Detection area: - the large detection area (4 beams) is active
 Signal output: - active when object is detected

4. Door closes

Indicator -LED: - OFF if no object is detected, ON if an object is detected
 Signal input IN: - falling edge from Ub+ to GND when half of closing process (ca. 1 s) is finished
 Detection area: - the small detection area is active
 Signal output: - active when object is detected

Move & Traffic Controls

Trafficon Line

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