

easygard Full Mod Package

Light curtain with 36 elements

Technical data

FEATURES

- ▶ Ideal for both: static and dynamic installations
- ▶ Suitable for center and side opening
- ▶ Multiple criss-cross beams for a reliable detection
- ▶ Criss-cross light beams remain fully active until doors are closed
- ▶ Easy installation
- ▶ With power converter SPS-3B



OPTICAL

Operating range	0 ... 3 m
No. of optical elements	36
No. of beams	174
Protection height	1,675 mm
Max. ambient light	100,000 Lux
Wave length	Infrared 940 nm

MECHANICAL

Dimensions (w × h × l (d))	
- Light curtain	11 × 24.5 × 2,000 mm
- Power converter	131.7 × 34.3 × 31 mm
Housing material	Aluminum, black powder coated
Enclosure rating	IP54
Temperature range (operation / storage)	-20°C ... +65°C / -40°C ... +75°C

ELECTRICAL

Supply voltage U _{sp}	85 ... 300 VAC
Output	Relay
Output logic	NO or NC
Relay output	120 VAC / 1 A 24 VDC / 1 A
Response time	< 150 ms
1 LED indicator Tx	Red ON – Power
2 LED indicators Rx	
- Red ON	Power
- OFF	No object
Red ON	Object detected

CONNECTION CABLE AND ELECTRICAL CONNECTION

Lengths	
- Pigtail cable	400 mm
- Connection cable	3.3 m (M8 to DIN connector); optional 5 m
Diameter	Tx: Ø 3.5 mm Rx: Ø 4.2 mm
Material	PVC, black
Connection	Tx: M8, 4-pin, Ø 10 mm; DIN, 5-pin, Ø 17 mm Rx: M8, 6-pin, Ø 10 mm; DIN, 5-pin, Ø 17 mm
Plug color	
- Emitter (Tx)	White
- Receiver (Rx)	Blue

GENERAL

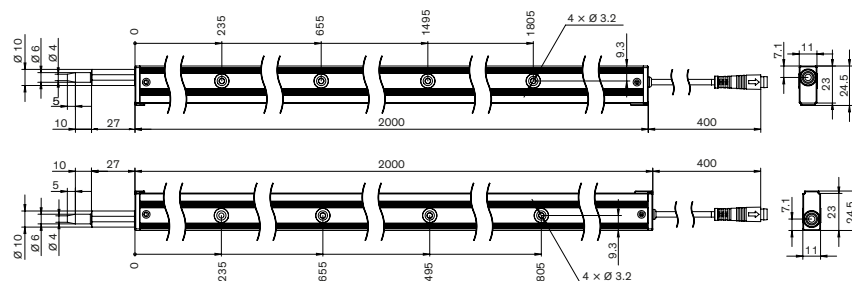
EMC emission	EN 12015:2020
EMC immunity	EN 12016:2013
Vibration	IEC 60068-2-6:2007
Shock	IEC 60068-2-27:2008
Cable durability	IEC 60227-2:2003
RoHS	2011/65/EU
Certificates	CE - EN 81-20:2020, UKCA



CEDES AG is certified according to ISO 9001: 2015.

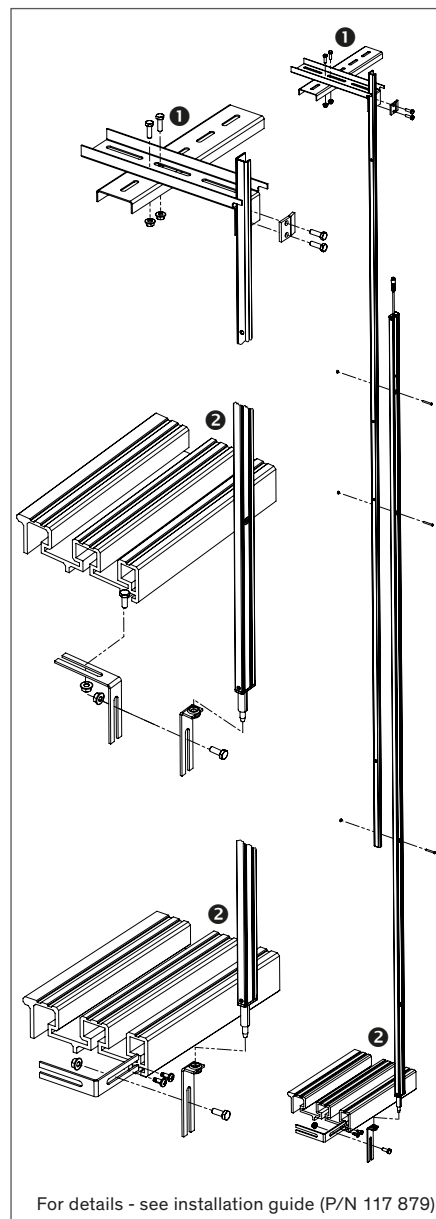
Dimensions – light curtain

All dimensions in mm
Proportions not to scale

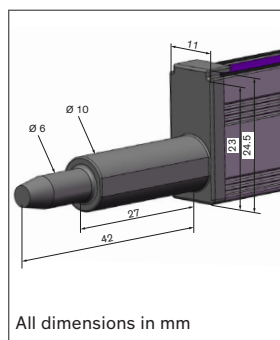


36 elements: Protection height 1,675 mm Lowest beam 16 mm*

Mounting Kit

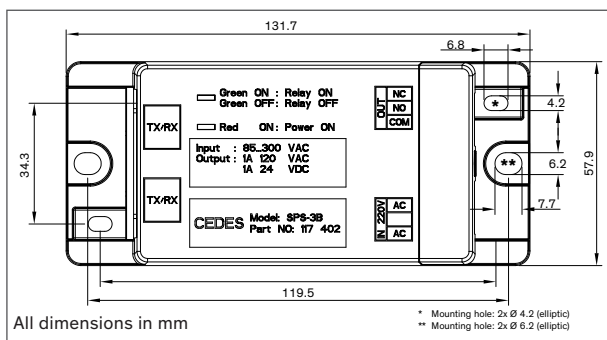


Detailed view



All dimensions in mm

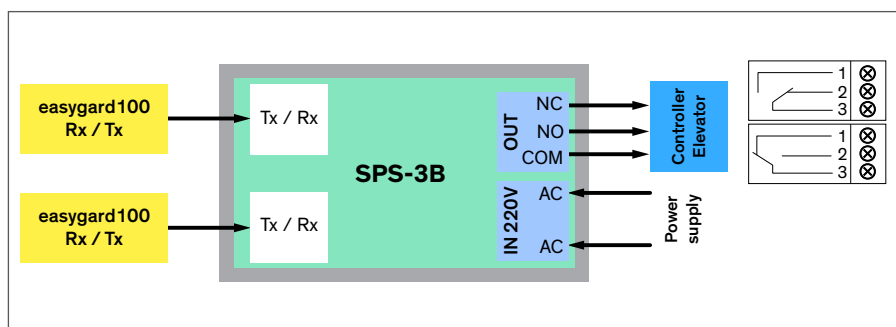
Dimensions – SPS-3B



All dimensions in mm

* Mounting hole: 2x Ø 4.2 (elliptic)
** Mounting hole: 2x Ø 6.2 (elliptic)

Wiring



Applications



Dynamic mounting (only light curtains)



Static mounting