

Hand Detection Safety Light Curtain with Automatic Restart, Extended Range



Safety level Type 4 - PL e

Protected height (mm) 460

Resolution (mm) 30

Max. range (m) 20

Restart Automatic

Functioning system Emitter / Receiver

#### **Technical Description**

Compact Safety Light Curtain: Type 4, SIL 3, SILCL 3, PL e, Cat. 4 Cross Section: 28 x 30 mm No blind area on one side Hardware configuration: no programming necessary, easy to install and replace Connection and configuration through M12 connectors Unshielded cables up to 100 m can be used to connect the Safety Light Curtain What's in the Box: Emitter, Receiver and Standard Fastening Brackets

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## **EXAMPLE R** Your future's safe!

## Features

Safety level	Type 4 - PL e
Protected height (mm)	460
Resolution (mm)	30
Controlled height (mm)	450
Max. range (m)	20
Restart	Automatic
Functioning system	Emitter / Receiver
Safety level (SIL / PL)	Type 4 - SIL 3 - SILCL 3 - PL e - Cat. 4
Operating temperature (°C)	- 20 55
Response time (ms)	5
Number of beams	23
Max. length of the connection	100
cables (m)	
Signalling	LEDs for light curtain's status and diagnostics
Safety output type	2 fail-safe PNP (400 mA at 24 VDC) with protection against
	short circuit, overload and reverse polarity
Connections	M12 5-pole connectors
MTTFD (ISO13849) years	498,3
PFHD (IEC 61508)	1,19E-08
Safety outputs	2 OSSD PNP (400 mA at 24 VDC)
Safety functions	With external module
Detection	Hand
Protective enclosures	None
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Pag. 2/5

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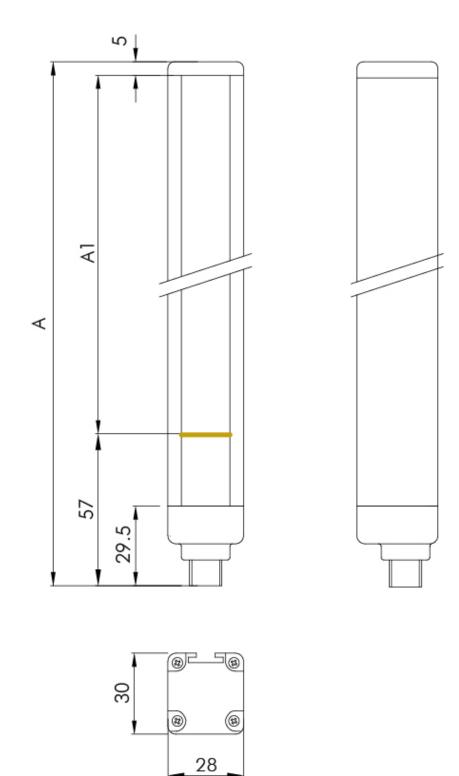
Packaging dimensions HxLxW	145 x 540 x 200
(mm)	
Product class	C
Custom tariff	85365019
Electrical data	
Power supply (VDC)	$24 \pm 20\%$

### **Mechanical data**

Overall height (mm)	513
Cross section dimensions (mm)	28 x 30
Degree of protection	IP65 - IP67
Fastening	Back slot with set of LE type brackets (included) or to the top
	and lower end with swivel brackets SFB E (optional)
Gross weight (g)	1826,96



## **Technical drawings**



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Pag. 4/5



### Certificates

















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