

Body Detection Safety Light Curtain with Automatic Restart



Safety level Type 2 - PL c

Protected height (mm) 1510

Resolution (mm) 90

Max. range (m) 12

Restart Automatic

Functioning system Emitter / Receiver

#### **Technical Description**

Compact Safety Light Curtain: Type 2, SIL 1, SILCL 1, PL c, Cat. 2 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 2 - PL c
Protected height (mm)	1510
Resolution (mm)	90
Controlled height (mm)	1500
Max. range (m)	12
Restart	Automatic
Functioning system	Emitter / Receiver
Safety level (SIL / PL)	Type 2 - SIL 1 - SILCL 1 - PL c - Cat. 2
Operating temperature (°C)	- 30 55
Response time (ms)	7
Number of beams	20
Max. length of the connection	100 (50 between Master and Slave)
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	289,7
PFHD (IEC 61508)	3,64E-08
Safety outputs	2 OSSD PNP (400 mA at 24 VDC)
Safety functions	With external module
Detection	Body
Protective enclosures	None
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Pag. 2/5

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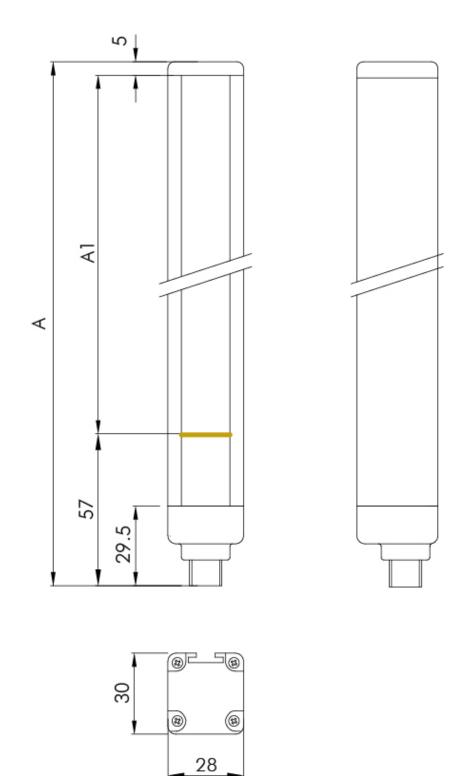
Packaging dimensions HxLxW	145 x 1620 x 200
(mm)	
Product class	C
Custom tariff	85365019
Electrical data	
Power supply (VDC)	24 ± 20%

### **Mechanical data**

Overall height (mm)	1563
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)	4757,76



## **Technical drawings**



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Pag. 4/5



#### Certificates



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