

Access Control Safety Light Grid for Cascading Connection with Automatic/Manual Restart and EDM (Secondary Slave)



Safety level Type 2 - PL c

Protected height (mm) 810

Resolution (mm) Multi-beams

Max. range (m) 12

Restart Built-in - User selectable

automatic or manual Functioning system Emitter / Receiver

Master Slave Models yes

### **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 REPORT** Your future's safe!

### Features

Safety level	Type 2 - PL c
Protected height (mm)	810
Resolution (mm)	Multi-beams
Controlled height (mm)	890
Max. range (m)	12
Restart	Built-in - User selectable automatic or manual
Functioning system	Emitter / Receiver
Master Slave Models	yes
Safety level (SIL / PL)	Type 2 - SIL 1 - SILCL 1 - PL c - Cat. 2
Operating temperature (°C)	- 30 55
Response time (ms)	See technical manual
Number of beams	3
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	524,1
PFHD (IEC 61508)	1,87E-08
Safety outputs	2 OSSD PNP (400 mA at 24 VDC)
Safety functions	Integrated
Detection	Access control
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Protective enclosures	None
Packaging dimensions HxLxW	145 x 1010 x 200
(mm)	
Product class	C
Custom tariff	85365019

#### **Electrical data**

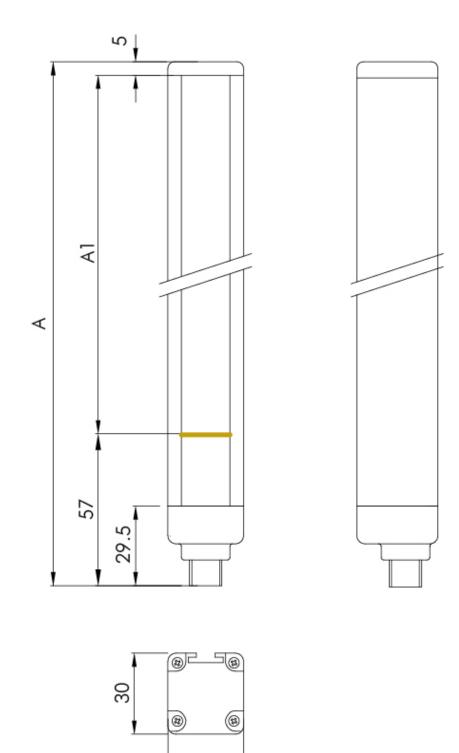
Power supply (VDC)  $24 \pm 20\%$ 

### Mechanical data

Overall height (mm)	953
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)	3061,66



### **Technical drawings**



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#### Certificates



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