

Order Code: 1310827

Hand Detection Safety Light Curtain with Automatic Restart. Resistant to High Vibrations. Reduced Range



Safety level Type 4 - PL e

Protected height (mm) 460

Resolution (mm) 30

Max. range (m) 6

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 REPORT** 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)	6
Restart	Automatic
Functioning system	Emitter / Receiver
Safety level (SIL / PL)	Type 4 - SIL 3 - SILCL 3 - PL e - Cat. 4
Operating temperature (°C)	- 30 55
Response time (ms)	7,5
Number of beams	23
Max. length of the connection	100
cables (m)	
Signalling	LEDs for light curtain's status and diagnostics
	LEDs for light curtain's status and diagnostics 2 fail-safe PNP (400 mA at 24 VDC) with protection against
Signalling	
Signalling	2 fail-safe PNP (400 mA at 24 VDC) with protection against
Signalling Safety output type	2 fail-safe PNP (400 mA at 24 VDC) with protection against short circuit, overload and reverse polarity
Signalling Safety output type Connections	2 fail-safe PNP (400 mA at 24 VDC) with protection against short circuit, overload and reverse polarity M12 5-pole connectors
Signalling Safety output type Connections MTTFD (ISO13849) years	2 fail-safe PNP (400 mA at 24 VDC) with protection against short circuit, overload and reverse polarity M12 5-pole connectors 328,5
Signalling Safety output type Connections MTTFD (ISO13849) years PFHD (IEC 61508)	<ul> <li>2 fail-safe PNP (400 mA at 24 VDC) with protection against</li> <li>short circuit, overload and reverse polarity</li> <li>M12 5-pole connectors</li> <li>328,5</li> <li>1,08E-08</li> </ul>
Signalling Safety output type Connections MTTFD (ISO13849) years PFHD (IEC 61508) Safety outputs	2 fail-safe PNP (400 mA at 24 VDC) with protection against short circuit, overload and reverse polarity M12 5-pole connectors 328,5 1,08E-08 2 OSSD PNP (400 mA at 24 VDC)
Signalling Safety output type Connections MTTFD (ISO13849) years PFHD (IEC 61508) Safety outputs Safety functions	2 fail-safe PNP (400 mA at 24 VDC) with protection against short circuit, overload and reverse polarity M12 5-pole connectors 328,5 1,08E-08 2 OSSD PNP (400 mA at 24 VDC) With external module

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Operating Range (m)	6
Protective enclosures	None
Packaging dimensions HxLxW	145 x 540 x 200
(mm)	
Product class	C
Custom tariff	85365019

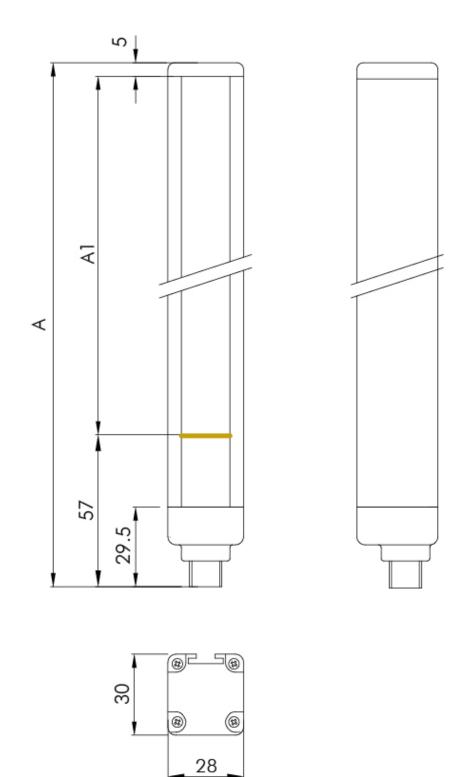
## **Electrical data**

## **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)



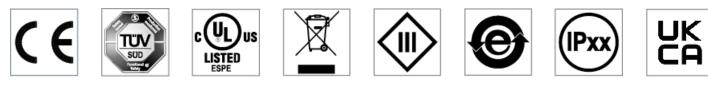
## **Technical drawings**



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#### Certificates





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