

Hand Detection Safety Light Curtain for Cascading Connection with Automatic/Manual Restart and EDM (Primary Slave)



Safety level Type 2 - PL c

Protected height (mm) 910

Resolution (mm) 40

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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Features

Safety level	Type 2 - PL c
Protected height (mm)	910
Resolution (mm)	40
Controlled height (mm)	900
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	31
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	257,4
PFHD (IEC 61508)	4,13E-08
Safety outputs	2 OSSD PNP (400 mA at 24 VDC)
Safety functions	Integrated
Detection	Hand
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Protective enclosures	None
Packaging dimensions HxLxW	145 x 1020 x 200
(mm)	
Product class	C
Custom tariff	85365019

Electrical data

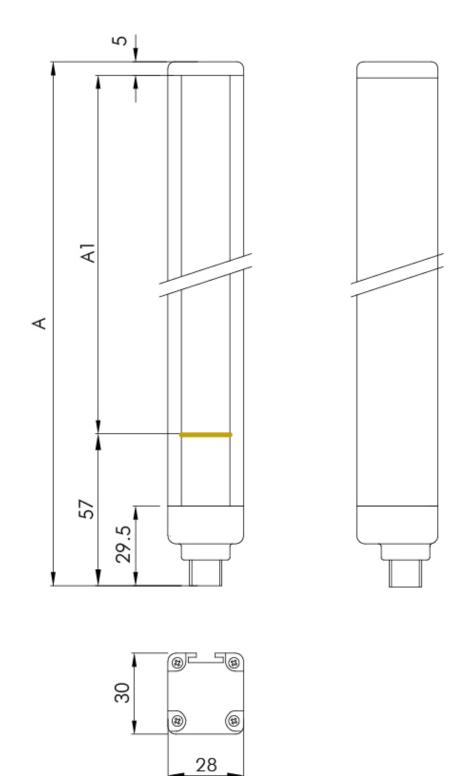
Power supply (VDC) $24 \pm 20\%$

Mechanical data

Overall height (mm)	963
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)	3207,76



Technical drawings



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Certificates



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