

Body Detection Safety Light Curtain with Automatic Restart



Safety level Type 2 - PL c

Protected height (mm) 1960

Resolution (mm) 50

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

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Protective enclosures	None
Detection	Body
Safety functions	With external module
Safety outputs	2 OSSD PNP (400 mA at 24 VDC)
PFHD (IEC 61508)	6,08E-08
MTTFD (ISO13849) years	178,7
Connections	M12 5-pole connectors
	short circuit, overload and reverse polarity
Safety output type	2 fail-safe PNP (400 mA at 24 VDC) with protection against
Signalling	LEDs for light curtain's status and diagnostics
cables (m)	
Max. length of the connection	100 (50 between Master and Slave)
Number of beams	52
Response time (ms)	14
Operating temperature (°C)	- 30 55
Safety level (SIL / PL)	Type 2 - SIL 1 - SILCL 1 - PL c - Cat. 2
Functioning system	Emitter / Receiver
Restart	Automatic
Max. range (m)	12
Controlled height (mm)	1950
Resolution (mm)	50
Protected height (mm)	1960
Safety level	Type 2 - PL c
Safety level	Type 2 - PL c

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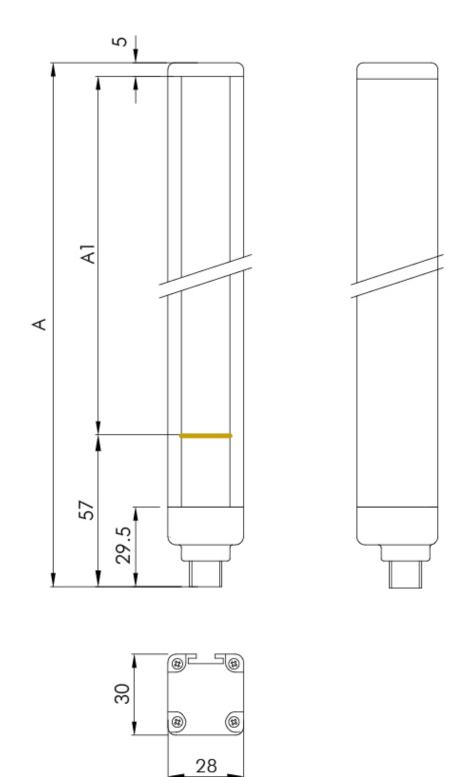
Packaging dimensions HxLxW	145 x 2070 x 200
(mm)	
Product class	C
Custom tariff	85365019
Electrical data	
Power supply (VDC)	$24 \pm 20\%$

Mechanical data

Overall height (mm)	2013
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)	5991,26



Technical drawings



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Certificates



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