

Hand Detection Safety Light Curtain with Automatic/Manual Restart and EDM



Safety level Type 4 - PL e

Protected height (mm) 1210

Resolution (mm) 40

Max. range (m) 12

#### Restart

Built-in - User selectable automatic or manual

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

EOS4 1204 X

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

### **Features**

Detection	Hand
Safety functions	Integrated
Safety outputs	2 OSSD PNP (400 mA at 24 VDC)
PFHD (IEC 61508)	1,43E-08
MTTFD (ISO13849) years	219,2
	(receiver)
Connections	M12 5-pole connector (emitter), M12 8-pole connector
	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
Number of beams	41
Response time (ms)	11
Operating temperature (°C)	- 30 55
Safety level (SIL / PL)	Type 4 - SIL 3 - SILCL 3 - PL e - Cat. 4
Functioning system	Emitter / Receiver
Restart	Built-in - User selectable automatic or manual
Max. range (m)	12
Controlled height (mm)	1200
Resolution (mm)	40
Protected height (mm)	1210
Safety level	Type 4 - PL e

Pag. 2/5

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Protective enclosures	None
Packaging dimensions HxLxW	145 x 1320 x 200
(mm)	
Product class	C
Custom tariff	85365019

### **Electrical data**

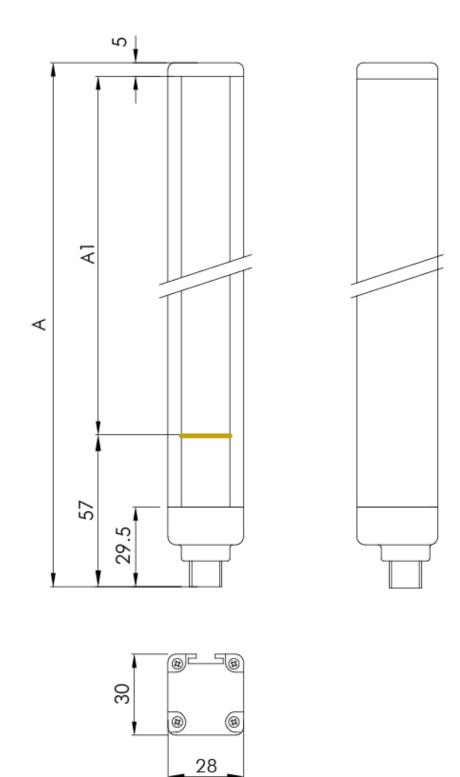
Power supply (VDC)	24 ± 20%
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## **Mechanical data**

Overall height (mm)	1263
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)	4012,76



# **Technical drawings**



EOS4 1204 X

Pag. 4/5



### Certificates

















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