**EOS2 253 A** 

Order Code: 1321205

Hand Detection Safety Light Curtain with Automatic Restart



Safety level

Type 2 - PL c

Protected height (mm)

260

Resolution (mm)

30

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

**EOS2 253 A** 



#### **Features**

Safety level	Type 2 - PL c
Protected height (mm)	260
Resolution (mm)	30
Controlled height (mm)	250
Max. range (m)	12
Restart	Automatic
Functioning system	Emitter / Receiver
Safety level (SIL / PL)	Type 2 - SIL 1 - SILCL 1 - PL c - Cat. 2
Operating temperature (°C)	- 30 55
Response time (ms)	5,5
Number of beams	13
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	399,1
PFHD (IEC 61508)	2,56E-08
Safety outputs	2 OSSD PNP (400 mA at 24 VDC)
Safety functions	With external module
Detection	Hand
Protective enclosures	None



Packaging dimensions HxLxW 145 x 340 x 200

(mm)

Product class C

Custom tariff 85365019

#### **Electrical data**

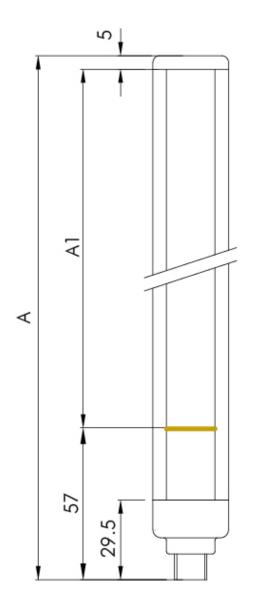
Power supply (VDC)  $24 \pm 20\%$ 

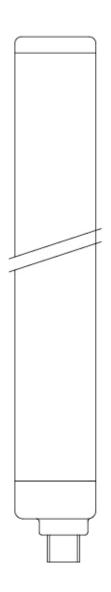
#### **Mechanical data**

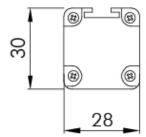
Overall height (mm)	313
Cross section dimensions (mm)	28 x 30
Degree of protection	IP65 - IP67
Fastening	Back slot with set of LE type brackets (included) or to the top
	and lower end with swivel brackets SFB E (optional)
Gross weight (g)	1373,96



# **Technical drawings**









### **Certificates**















