Order Code: 1310271

Hand Detection Safety Light Curtain with Automatic Restart



Safety level

Type 4 - PL e

Protected height (mm)

1810

Resolution (mm)

30

Max. range (m)

12

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

EOS4 1803 A



Features

Safety level	Type 4 - PL e
Protected height (mm)	1810
Resolution (mm)	30
Controlled height (mm)	1800
Max. range (m)	12
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)	22
Number of beams	91
Max. length of the connection	100
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	124,8
PFHD (IEC 61508)	2,15E-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 1920 x 200

(mm)

Product class C

Custom tariff 85365019

Electrical data

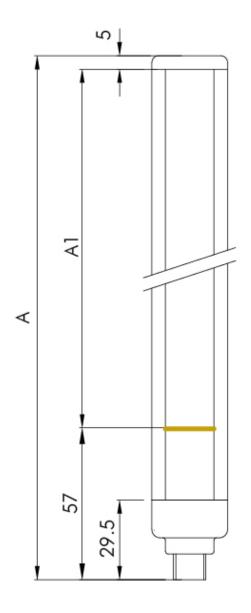
Power supply (VDC) $24 \pm 20\%$

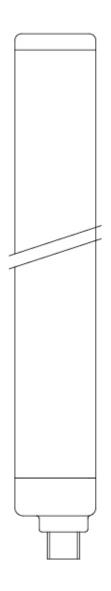
Mechanical data

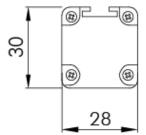
Overall height (mm)	1863
Cross section dimensions (mm)	28 x 30
Degree of protection	IP65 - IP67
Fastening	Back slot with set of LE type brackets (included) or to the top
	and lower end with swivel brackets SFB E (optional)
Gross weight (g)	5638,76



Technical drawings









Certificates

















