

EOS4 1204 AH

Order Code: 1310357

Hand Detection Safety Light Curtain with Automatic Restart, Extended Range



Safety level

Type 4 - PL e

Protected height (mm)

1210

Resolution (mm)

40

Max. range (m)

20

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

Features

| | |
|---|---|
| Safety level | Type 4 - PL e |
| Protected height (mm) | 1210 |
| Resolution (mm) | 40 |
| Controlled height (mm) | 1200 |
| Max. range (m) | 20 |
| Restart | Automatic |
| Functioning system | Emitter / Receiver |
| Safety level (SIL / PL) | Type 4 - SIL 3 - SILCL 3 - PL e - Cat. 4 |
| Operating temperature (°C) | - 20 ... 55 |
| Response time (ms) | 7 |
| Number of beams | 41 |
| Max. length of the connection cables (m) | 100 |
| 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 | 432,2 |
| PFHD (IEC 61508) | 1,41E-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 1320 x 200

(mm)

Product class C

Custom tariff 85365019

Electrical data

Power supply (VDC) 24 ± 20%

Mechanical data

Overall height (mm) 1263

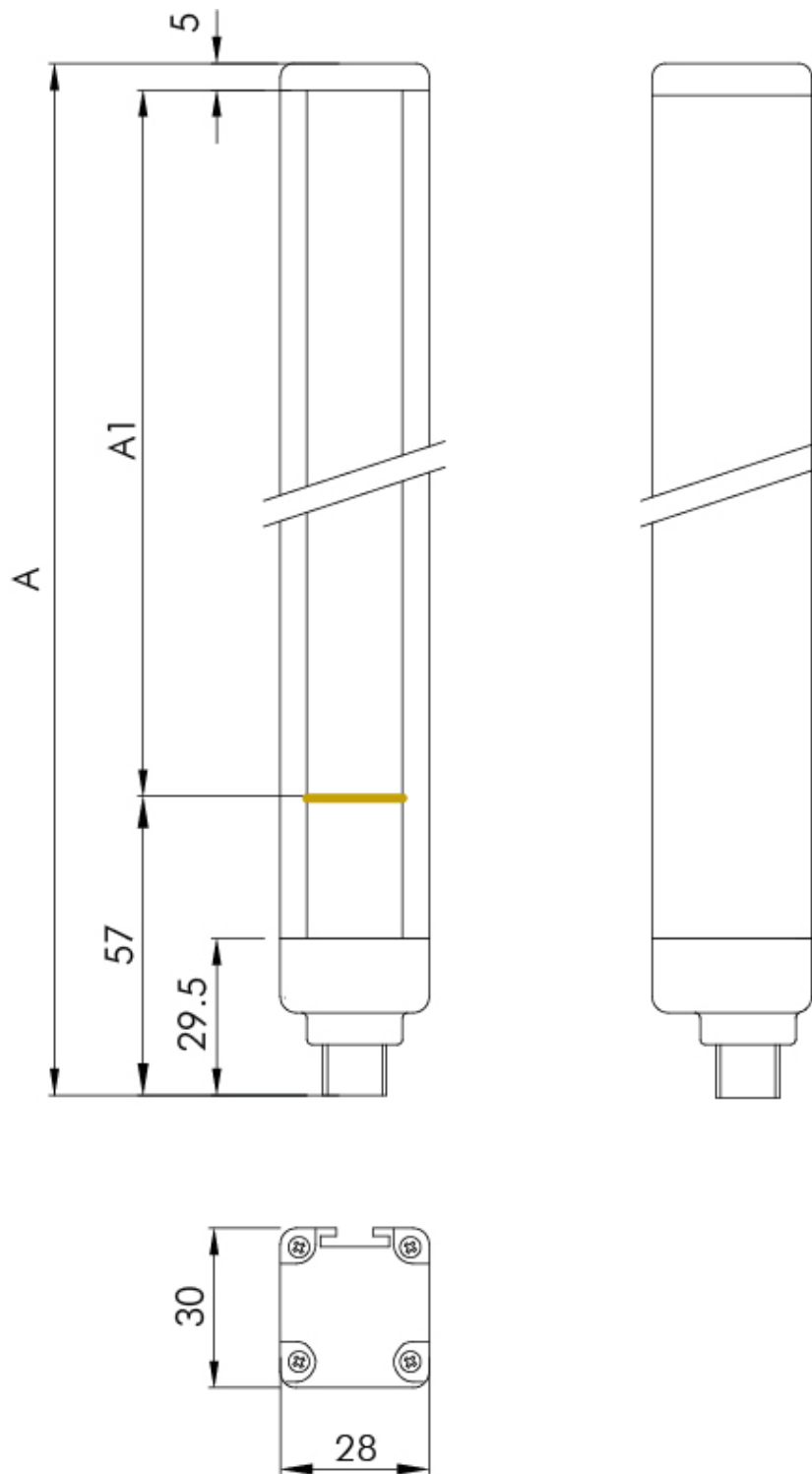
Cross section dimensions (mm) 28 x 30

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



Certificates

