

## EOS4 153 XTL

Order Code: 1310819

Hand Detection Safety Light Curtain with Automatic/Manual Restart and EDM. Resistant to High Vibrations. Reduced Range



**Safety level**

Type 4 - PL e

**Protected height (mm)**

160

**Resolution (mm)**

30

**Max. range (m)**

6

**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

## Features

|   |   |
|---|---|
| Safety level                                | Type 4 - PL e   |
| Protected height (mm)                       | 160   |
| Resolution (mm)                             | 30  |
| Controlled height (mm)                      | 150   |
| Max. range (m)                              | 6   |
| Restart                                     | Built-in - User selectable automatic or manual  |
| 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)                          | 4,5   |
| Number of beams                             | 8   |
| Max. length of the connection<br>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 connector (emitter), M12 8-pole connector (receiver)   |
| MTTFD (ISO13849) years                      | 485,1   |
| PFHD (IEC 61508)                            | 2,05E-08  |
| Safety outputs                              | 2 OSSD PNP (400 mA at 24 VDC)   |
| Safety functions                            | With external module  |
| Special versions                            | High vibrations   |

|                                    |           |
|------------------------------------|-----------|
| Detection                          | Hand      |
| Operating Range (m)                | 6         |
| Protective enclosures              | None      |
| Packaging dimensions HxLxW<br>(mm) | 0 x 0 x 0 |
| Product class                      | C         |
| Custom tariff                      | 85365019  |

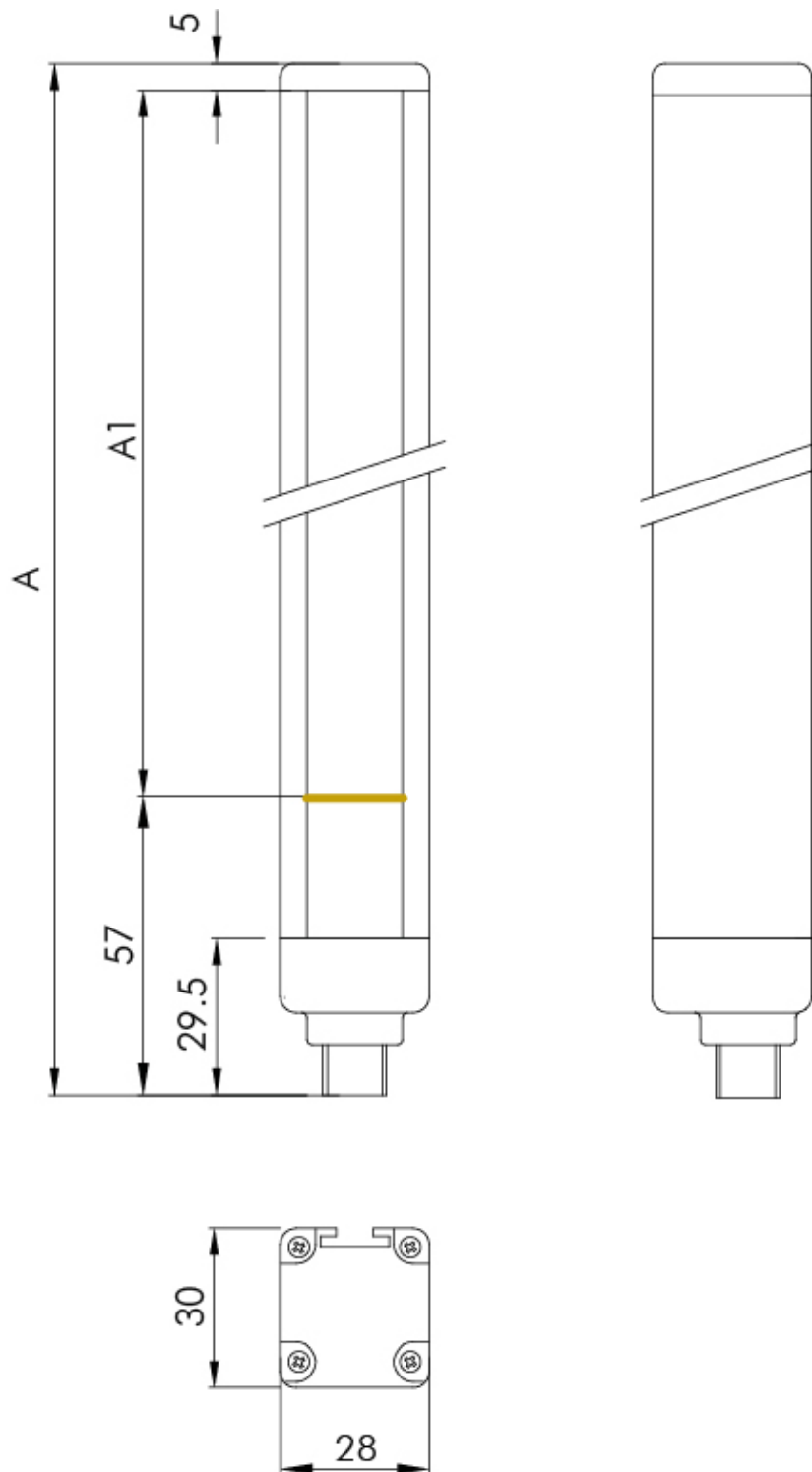
## Electrical data

|                    |          |
|--------------------|----------|
| Power supply (VDC) | 24 ± 20% |
|--------------------|----------|

## Mechanical data

|                               |   |
|-------------------------------|---|
| Overall height (mm)           | 213   |
| 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) |

Technical drawings



**Certificates**

