

Order Code: 1321219

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



Safety level Type 2 - PL c

Protected height (mm) 310

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 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 303 XTL

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

### Features

| Safety level                  | Type 2 - PL c  |
|-------------------------------|--|
| Protected height (mm)         | 310  |
| Resolution (mm)               | 30   |
| Controlled height (mm)        | 300  |
| Max. range (m)                | 6  |
| Restart                       | Built-in - User selectable automatic or manual             |
| 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)            | 6  |
| Number of beams               | 16   |
| 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 connector (emitter), M12 8-pole connector       |
|                               | (receiver)   |
| MTTFD (ISO13849) years        | 384,3  |
| PFHD (IEC 61508)              | 2,67E-08   |
| Safety outputs                | 2 OSSD PNP (400 mA at 24 VDC)                              |
| Safety functions              | With external module                                       |
| Special versions              | High vibrations  |
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# **EXAMPLE R** Your future's safe!

| Detection                  | Hand            |
|----------------------------|-----------------|
| Operating Range (m)        | 6               |
| Protective enclosures      | None            |
| Packaging dimensions HxLxW | 145 x 390 x 200 |
| (mm)                       |                 |
| Product class              | C               |
| Custom tariff              | 85365019        |

#### **Electrical data**

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

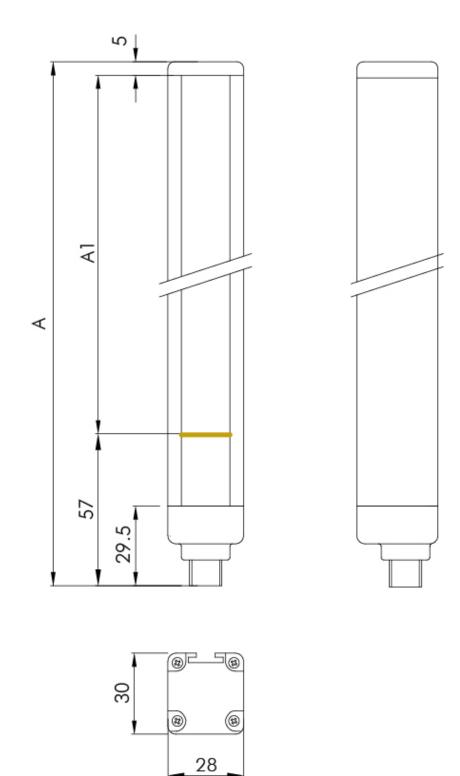
### **Mechanical data**

| Overall height (mm)           | 363   |
|-------------------------------|---|
| 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)              | 1464,46   |

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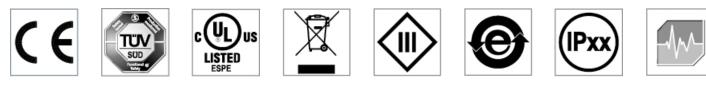
## **Technical drawings**



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#### Certificates





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