EOS4 303 AH

Order Code: 1310251

Hand Detection Safety Light Curtain with Automatic Restart, Extended Range



Safety level

Type 4 - PL e

Protected height (mm)

310

Resolution (mm)

30

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

EOS4 303 AH



Features

| Safety level Type 4 - PL e Protected height (mm) 310 Resolution (mm) 30 Controlled height (mm) 300 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) 4 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 connectors MTTFD (ISO13849) years 527,5 PFHD (IEC 61508) 1,11E-08 Safety outputs 2 OSSD PNP (400 mA at 24 VDC) Safety functions With external module Detection Hand Protective enclosures None | | |
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| Safety outputs 2 OSSD PNP (400 mA at 24 VDC) Safety functions With external module Detection Hand | MTTFD (ISO13849) years | 527,5 |
| Safety functions With external module Detection Hand | PFHD (IEC 61508) | 1,11E-08 |
| Detection Hand | Safety outputs | 2 OSSD PNP (400 mA at 24 VDC) |
| | Safety functions | With external module |
| Protective enclosures None | Detection | Hand |
| | Protective enclosures | None |



Packaging dimensions HxLxW 145 x 390 x 200

(mm)

Product class C

Custom tariff 85365019

Electrical data

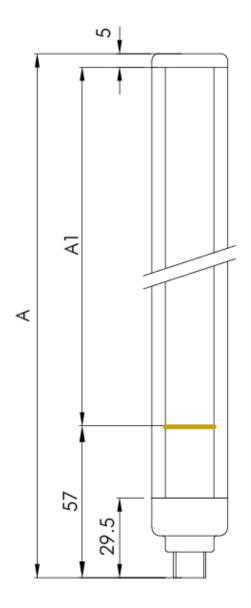
Power supply (VDC) $24 \pm 20\%$

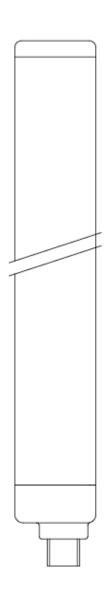
Mechanical data

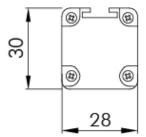
| Overall height (mm) | 363 |
|-------------------------------|---|
| Cross section dimensions (mm) | 28 x 30 |
| Degree of protection | IP65 - IP67 |
| Fastening | Back slot with set of LE type brackets (included) or to the top |
| | and lower end with swivel brackets SFB E (optional) |
| Gross weight (g) | 1464,46 |



Technical drawings









Certificates

















