

## **EOS4 304 X**

Order Code: 1310311

Hand Detection Safety Light Curtain with Automatic/Manual Restart and EDM



**Safety level**

Type 4 - PL e

**Protected height (mm)**

310

**Resolution (mm)**

40

**Max. range (m)**

12

**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)	310
Resolution (mm)	40
Controlled height (mm)	300
Max. range (m)	12
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	11
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 connector (emitter), M12 8-pole connector (receiver)
MTTFD (ISO13849) years	463,3
PFHD (IEC 61508)	9,07E-09
Safety outputs	2 OSSD PNP (400 mA at 24 VDC)
Safety functions	Integrated
Detection	Hand

Packaging dimensions HxLxW  
(mm) 145 x 390 x 200

Product class B

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

Technical drawings



**Certificates**

