

EOS4 309 AH

Order Code: **1310551**

Body Detection Safety Light Curtain with Automatic Restart, Extended Range



Safety level

Type 4 - PL e

Protected height (mm)

310

Resolution (mm)

90

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)	310
Resolution (mm)	90
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)	2,5
Number of beams	4
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	570,6
PFHD (IEC 61508)	1,04E-08
Safety outputs	2 OSSD PNP (400 mA at 24 VDC)
Safety functions	With external module
Detection	Body
Protective enclosures	None

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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) 386,5

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

