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EOS2 459 XS2
Order Code: **1320542**

Body Detection Safety Light Curtain for Cascading Connection with Automatic/Manual Restart and EDM (Secondary Slave)

Safety level
Type 2 - PL c

Protected height (mm)
460

Resolution (mm)
90

Max. range (m)
12

Restart
Built-in - User selectable automatic or manual

Functioning system
Emitter / Receiver

Master Slave Models
yes

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

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Features

Safety level	Type 2 - PL c
Protected height (mm)	460
Resolution (mm)	90
Controlled height (mm)	450
Max. range (m)	12
Restart	Built-in - User selectable automatic or manual
Functioning system	Emitter / Receiver
Master Slave Models	yes
Safety level (SIL / PL)	Type 2 - SIL 1 - SILCL 1 - PL c - Cat. 2
Operating temperature (°C)	- 30 ... 55
Response time (ms)	See technical manual
Number of beams	6
Max. length of the connection cables (m)	100 (50 between Master and Slave)
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	483,6
PFHD (IEC 61508)	2,06E-08
Safety outputs	2 OSSD PNP (400 mA at 24 VDC)
Safety functions	Integrated
Detection	Body

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Protective enclosures	None
Packaging dimensions HxLxW (mm)	0 x 0 x 0
Product class	C
Custom tariff	85365019

Electrical data

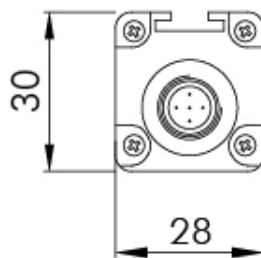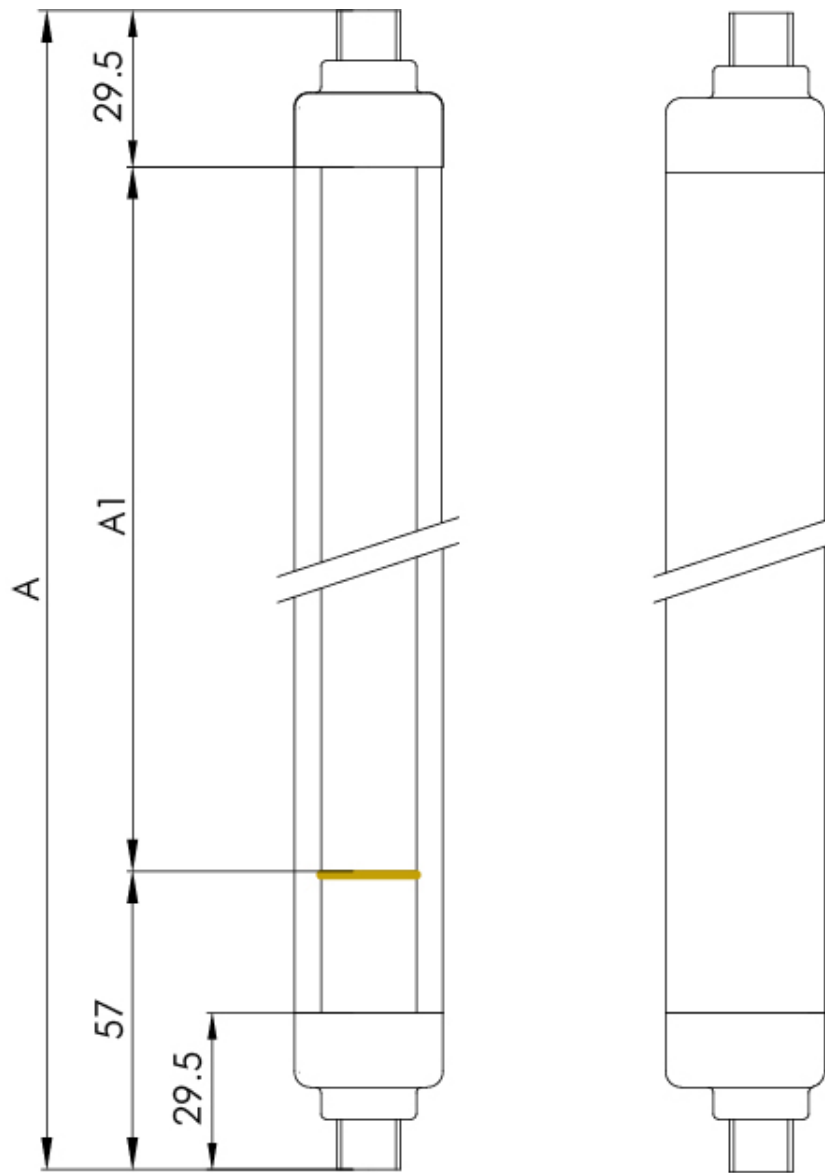| Power supply (VDC)	24 ± 20%

Mechanical data

Overall height (mm)	536,5
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)

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Technical drawings

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Certificates

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