

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



Safety level Type 2 - PL c

Protected height (mm) 610

Resolution (mm) 50

Max. range (m) 12

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 605 X

EXAMPLE REPORT Your future's safe!

Features

Detection	Body
Safety functions	Integrated
Safety outputs	2 OSSD PNP (400 mA at 24 VDC)
PFHD (IEC 61508)	2,85E-08
MTTFD (ISO13849) years	361,5
	(receiver)
Connections	M12 5-pole connector (emitter), M12 8-pole connector
	short circuit, overload and reverse polarity
Safety output type	2 fail-safe PNP (400 mA at 24 VDC) with protection against
Signalling	LEDs for light curtain's status and diagnostics
cables (m)	
Max. length of the connection	100 (50 between Master and Slave)
Number of beams	16
Response time (ms)	6
Operating temperature (°C)	- 30 55
Safety level (SIL / PL)	Type 2 - SIL 1 - SILCL 1 - PL c - Cat. 2
Functioning system	Emitter / Receiver
Restart	Built-in - User selectable automatic or manual
Max. range (m)	12
Controlled height (mm)	600
Resolution (mm)	50
Protected height (mm)	610

Pag. 2/5

EXAMPLE R Your future's safe!

Protective enclosures	None
Packaging dimensions HxLxW	145 x 690 x 200
(mm)	
Product class	C
Custom tariff	85365019

Electrical data

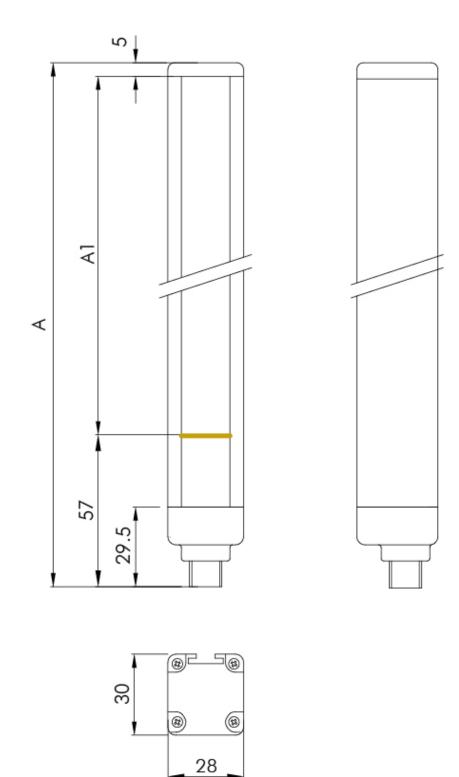
Power supply (VDC)	24 ± 20%
--------------------	----------

Mechanical data

Overall height (mm)	663
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)	2209,46



Technical drawings



EOS2 605 X

Pag. 4/5



Certificates



EOS2 605 X

