

Body Detection Safety Light Curtain with Automatic Restart



Safety level Type 2 - PL c

Protected height (mm) 160

Resolution (mm) 50

Max. range (m) 12

Restart Automatic

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 155 A

Pag. 1/5

EXAMPLE R Your future's safe!

Features

Safety level	Type 2 - PL c
Protected height (mm)	160
Resolution (mm)	50
Controlled height (mm)	150
Max. range (m)	12
Restart	Automatic
Functioning system	Emitter / Receiver
Safety level (SIL / PL)	Type 2 - SIL 1 - SILCL 1 - PL c - Cat. 2
Operating temperature (°C)	- 30 55
Response time (ms)	3,5
Number of beams	4
Max. length of the connection	100 (50 between Master and Slave)
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	553,7
PFHD (IEC 61508)	1,76E-08
Safety outputs	2 OSSD PNP (400 mA at 24 VDC)
Safety functions	With external module
Detection	Body
Protective enclosures	None
EOS2 155 A	

Pag. 2/5

EXAMPLE R Your future's safe!

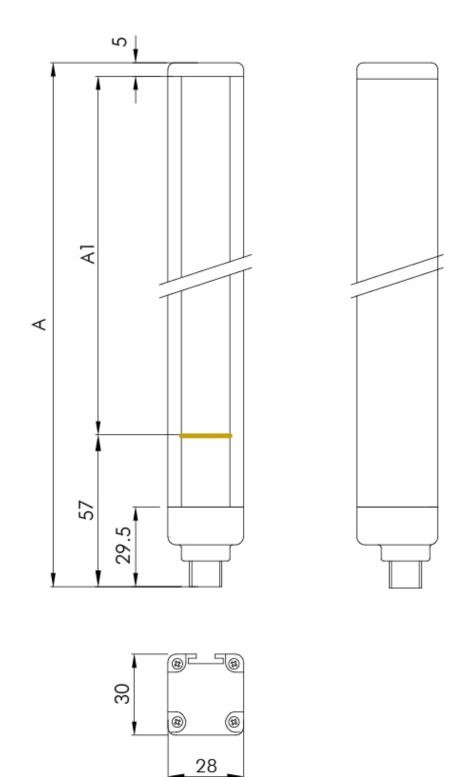
Packaging dimensions HxLxW	145 x 240 x 200
(mm)	
Product class	C
Custom tariff	85365019
Electrical data	
Power supply (VDC)	$24 \pm 20\%$

Mechanical data

Overall height (mm)	213
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)	1111,96

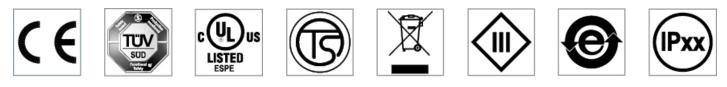


Technical drawings





Certificates



EOS2 155 A

