

Order Code: 1320536

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



Safety level Type 2 - PL c

Protected height (mm) 1060

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

EOS2 1059 XS



EXAMPLE REPORT Your future's safe!

Features

EOS2 1059 XS	
Detection	Body
Safety functions	Integrated
Safety outputs	2 OSSD PNP (400 mA at 24 VDC)
PFHD (IEC 61508)	2,96E-08
MTTFD (ISO13849) years	349,5
Connections	M12 5-pole connectors
	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	14
Response time (ms)	See technical manual
Operating temperature (°C)	- 30 55
Safety level (SIL / PL)	Type 2 - SIL 1 - SILCL 1 - PL c - Cat. 2
Master Slave Models	yes
Functioning system	Emitter / Receiver
Restart	Built-in - User selectable automatic or manual
Max. range (m)	12
Controlled height (mm)	1050
Resolution (mm)	90
Protected height (mm)	1060
Safety level	Type 2 - PL c

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Protective enclosures	None
Packaging dimensions HxLxW	145 x 1170 x 200
(mm)	
Product class	C
Custom tariff	85365019

Electrical data

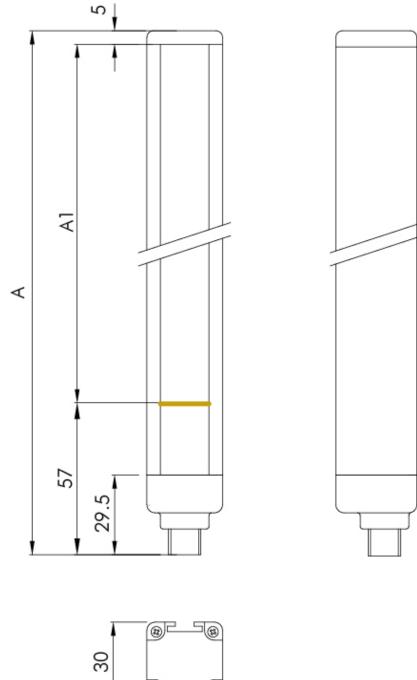
Power supply (VDC) $24 \pm 20\%$

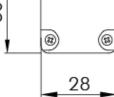
Mechanical data

Overall height (mm)	1113
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)	3600,26



Technical drawings

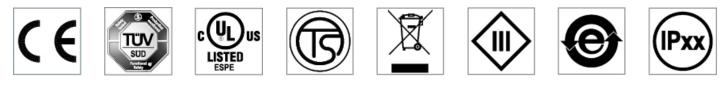




EOS2 1059 XS



Certificates



EOS2 1059 XS

