

Finger Detection Safety Light Curtain with Automatic/Manual Restart and EDM. Resistant to High Vibrations



Safety level Type 4 - PL e

Protected height (mm) 910

Resolution (mm) 14

Max. range (m) 6

Restart

Built-in - User selectable automatic or manual

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

EOS4 901 XT

Pag. 1/5

EXAMPLE R Your future's safe!

Features

EOS4 901 XT	
Special versions	High vibrations
Safety functions	With external module
Safety outputs	2 OSSD PNP (400 mA at 24 VDC)
PFHD (IEC 61508)	1,78E-08
MTTFD (ISO13849) years	338,5
	(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
Number of beams	90
Response time (ms)	13
Operating temperature (°C)	- 30 55
Safety level (SIL / PL)	Type 4 - SIL 3 - SILCL 3 - PL e - Cat. 4
Functioning system	Emitter / Receiver
Restart	Built-in - User selectable automatic or manual
Max. range (m)	6
Controlled height (mm)	900
Resolution (mm)	14
Protected height (mm)	910
Safety level	Type 4 - PL e

Pag. 2/5

EXAMPLE R Your future's safe!

Detection	Finger
Operating Range (m)	6
Protective enclosures	None
Packaging dimensions HxLxW	0 x 0 x 0
(mm)	
Product class	C
Custom tariff	85365019

Electrical data

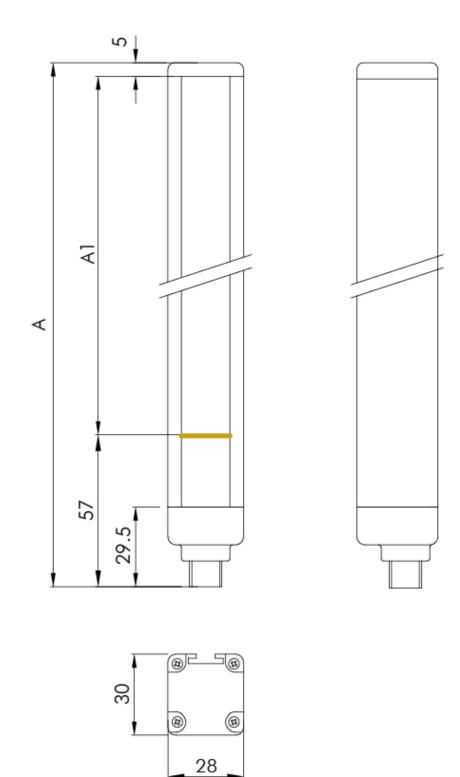
Power supply (VDC)	24 ± 20%
--------------------	----------

Mechanical data

Overall height (mm)	963
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)



Technical drawings



EOS4 901 XT



Certificates





EOS4 901 XT



UK CA