

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



Safety level Type 2 - PL c

Protected height (mm) 1810

Resolution (mm) 40

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 1804 X

EXAMPLE R Your future's safe!

Features

Safety level	Type 2 - PL c
Protected height (mm)	1810
Resolution (mm)	40
Controlled height (mm)	1800
Max. range (m)	12
Restart	Built-in - User selectable automatic or manual
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)	16
Number of beams	61
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 connector (emitter), M12 8-pole connector
	(receiver)
MTTFD (ISO13849) years	159
PFHD (IEC 61508)	6,88E-08
Safety outputs	2 OSSD PNP (400 mA at 24 VDC)
Safety functions	Integrated
Detection	Hand
EOS2 1804 X	

Pag. 2/5

EXAMPLE R Your future's safe!

Protective enclosures	None
Packaging dimensions HxLxW	145 x 1920 x 200
(mm)	
Product class	С
Custom tariff	85365019

Electrical data

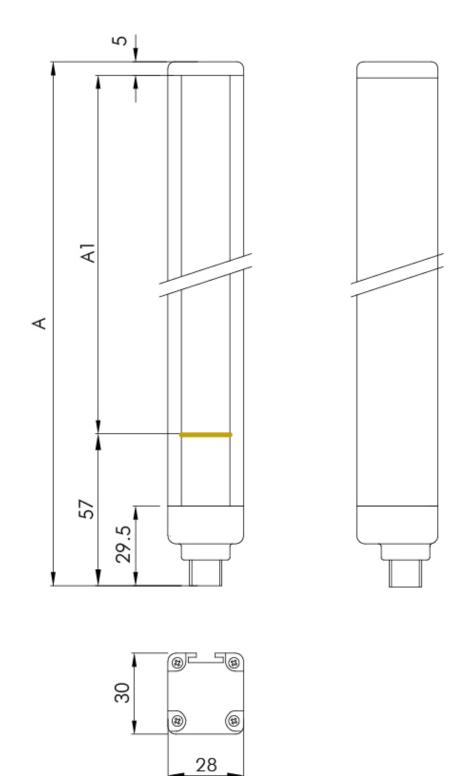
Power supply (VDC)	24 ± 20%
--------------------	----------

Mechanical data

Overall height (mm)	1863
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)	5638,76



Technical drawings



EOS2 1804 X

Pag. 4/5



Certificates



EOS2 1804 X

