# **EXER** Your future's safe!

### **EOS4 1803 XT**

Order Code: 1310832

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



Safety level

Type 4 - PL e

Protected height (mm)

1810

Resolution (mm)

30

Max. range (m)

12

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



#### **Features**

Safety level	Type 4 - PL e
Protected height (mm)	1810
Resolution (mm)	30
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 4 - SIL 3 - SILCL 3 - PL e - Cat. 4
Operating temperature (°C)	- 30 55
Response time (ms)	22
Number of beams	91
Max. length of the connection	100
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	124,8
PFHD (IEC 61508)	2,15E-08
Safety outputs	2 OSSD PNP (400 mA at 24 VDC)
Safety functions	With external module
Special versions	High vibrations



Detection	Hand
Operating Range (m)	12
Protective enclosures	None
Packaging dimensions HxLxW	0 x 0 x 0
(mm)	
Product class	С
Custom tariff	85365019

#### **Electrical data**

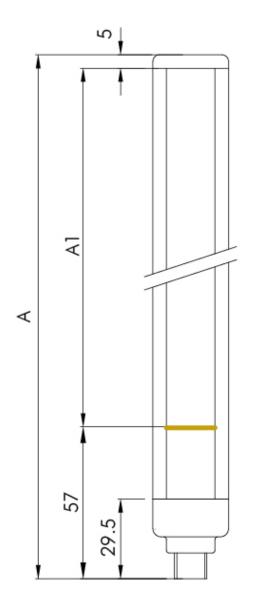
Power supply (VDC)	24 ± 20%	
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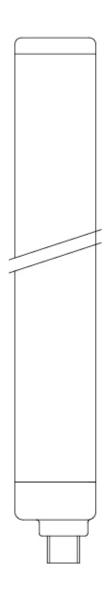
# **Mechanical data**

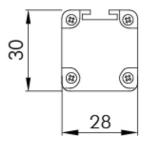
Overall height (mm)	1863
Cross section dimensions (mm)	28 x 30
Degree of protection	IP65 - IP67
Fastening	Back slot with set of LE type brackets (included) or to the top
	and lower end with swivel brackets SFB E (optional)
Gross weight (g)	5643,76



# **Technical drawings**









# **Certificates**

















