REER Your future's safe!

EOS2 1655 XM

Order Code: **1320474**

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

Safety level
Type 2 - PL c

Protected height (mm)
1660

Resolution (mm)
50

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

Features

Safety level	Type 2 - PL c
Protected height (mm)	1660
Resolution (mm)	50
Controlled height (mm)	1650
Max. range (m)	12
Restart	Built-in - User selectable automatic or manual
Functioning system	Emitter / Receiver
Master Slave Models	yes
Safety level (SIL / PL)	Type 2 - SIL 1 - SILCL 1 - PL c - Cat. 2
Operating temperature (°C)	- 30 ... 55
Response time (ms)	See technical manual
Number of beams	44
Max. length of the connection cables (m)	100 (50 between Master and Slave)
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	201,5
PFHD (IEC 61508)	5,36E-08
Safety outputs	2 OSSD PNP (400 mA at 24 VDC)
Safety functions	Integrated

EOS2 1655 XM

Detection	Body
Protective enclosures	None
Packaging dimensions HxLxW (mm)	0 x 0 x 0
Product class	C
Custom tariff	85365019

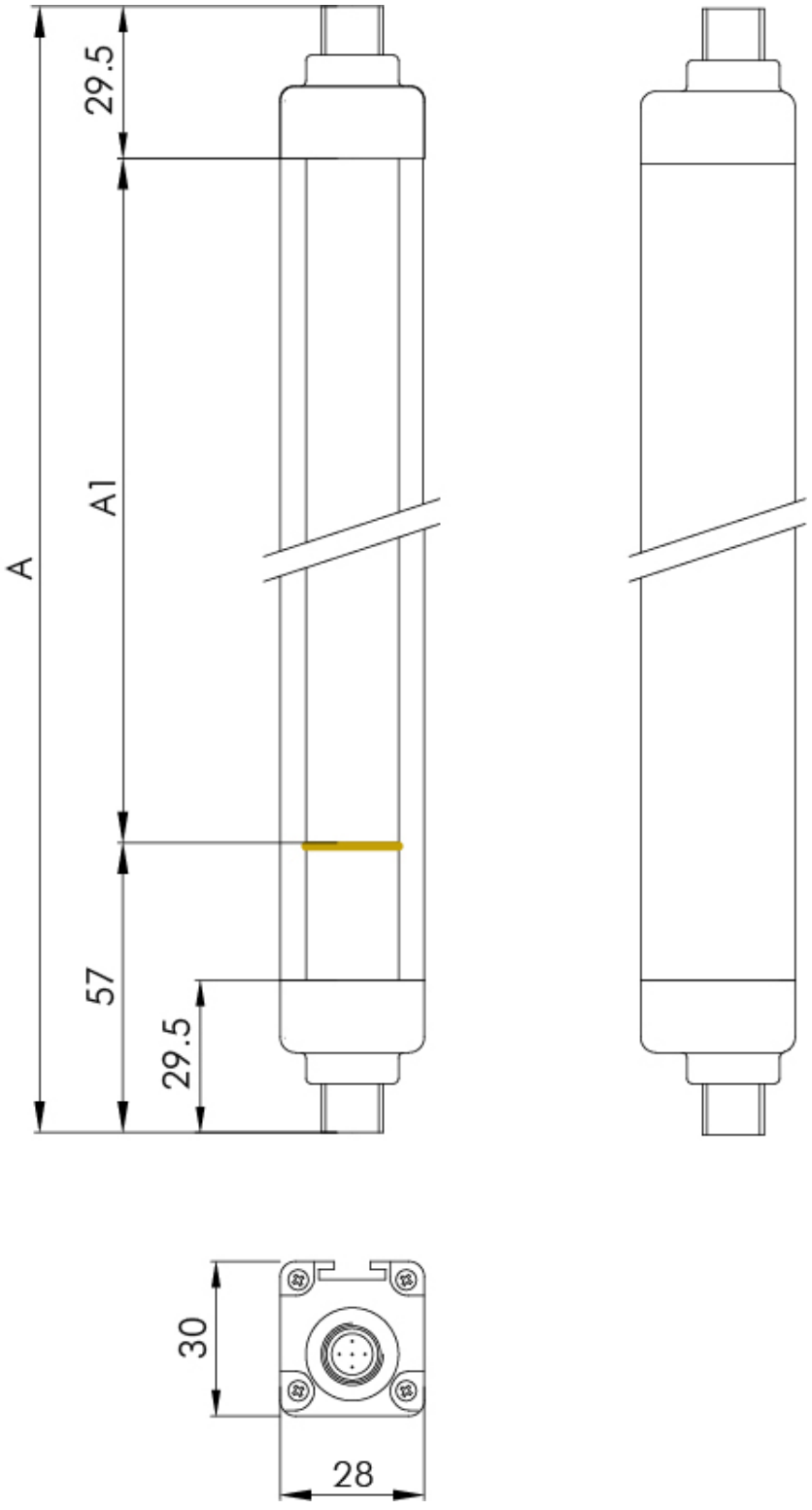
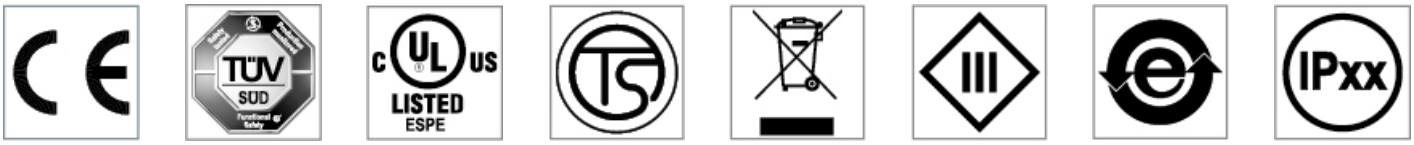
Electrical data

Power supply (VDC)	24 ± 20%

Mechanical data

Overall height (mm)	1736,5
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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