# **EOS4** 1654 X

Order Code: 1310372

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



Safety level

Type 4 - PL e

Protected height (mm)

1660

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 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 1654 X



### **Features**

Safety level	Type 4 - PL e
Protected height (mm)	1660
Resolution (mm)	40
Controlled height (mm)	1650
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)	14,5
Number of beams	56
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	173,6
PFHD (IEC 61508)	1,69E-08
Safety outputs	2 OSSD PNP (400 mA at 24 VDC)
Safety functions	Integrated
Detection	Hand



Protective enclosures None

Packaging dimensions HxLxW 145 x 1770 x 200

(mm)

Product class C

Custom tariff 85365019

#### **Electrical data**

Power supply (VDC) 24 ± 20%

#### Mechanical data

Overall height (mm) 1713

Cross section dimensions (mm) 28 x 30

Degree of protection IP65 - IP67

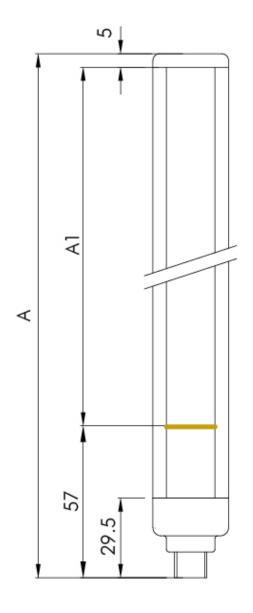
Fastening Back slot with set of LE type brackets (included) or to the top

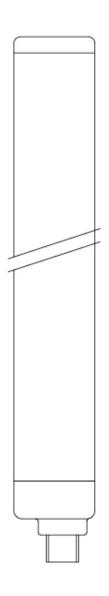
and lower end with swivel brackets SFB E (optional)

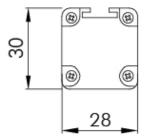
Gross weight (g) 5131,26



# **Technical drawings**









# **Certificates**

















