

## **EOS2 1653 A**

Order Code: 1320270

Hand Detection Safety Light Curtain with Automatic Restart



**Safety level**

Type 2 - PL c

**Protected height (mm)**

1660

**Resolution (mm)**

30

**Max. range (m)**

12

**Restart**

Automatic

**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

## Features

Safety level	Type 2 - PL c
Protected height (mm)	1660
Resolution (mm)	30
Controlled height (mm)	1650
Max. range (m)	12
Restart	Automatic
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)	21
Number of beams	83
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 connectors
MTTFD (ISO13849) years	131,7
PFHD (IEC 61508)	8,37E-08
Safety outputs	2 OSSD PNP (400 mA at 24 VDC)
Safety functions	With external module
Detection	Hand
Protective enclosures	None

## EOS2 1653 A

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**

