

## ADMIRAL AX 2103

Order Code: 1334414

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



**Safety level**

Type 4 - PL e

**Protected height (mm)**

**Resolution (mm)**

30

**Max. range (m)**

18

**Restart**

Built-in - User selectable automatic or manual

**Functioning system**

Emitter / Receiver

## Technical Description

Safety Light Curtain: Type 4, SILCL 3, PL e, Cat. 4

Cross Section: 35 x 45 mm

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)	
Resolution (mm)	30
Max. range (m)	18
Restart	Built-in - User selectable automatic or manual
Functioning system	Emitter / Receiver
Safety level (SIL / PL)	Type 4 - SILCL 3 - PL e - Cat. 4
Operating temperature (°C)	0 ... 55
Response time (ms)	16
Number of beams	112
Max. length of the connection cables (m)	100
Signalling	7 segment display and LEDs for light curtain's status and diagnostics
Safety output type	2 fail-safe PNP (500 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	66,98
PFHD (IEC 61508)	2,16E-08
Safety outputs	2 OSSD PNP (500 mA at 24 VDC)
Safety functions	Integrated
Detection	Hand

Protective enclosures	None
Packaging dimensions HxLxW (mm)	145 x 2280 x 200
Product class	C
Custom tariff	85365019

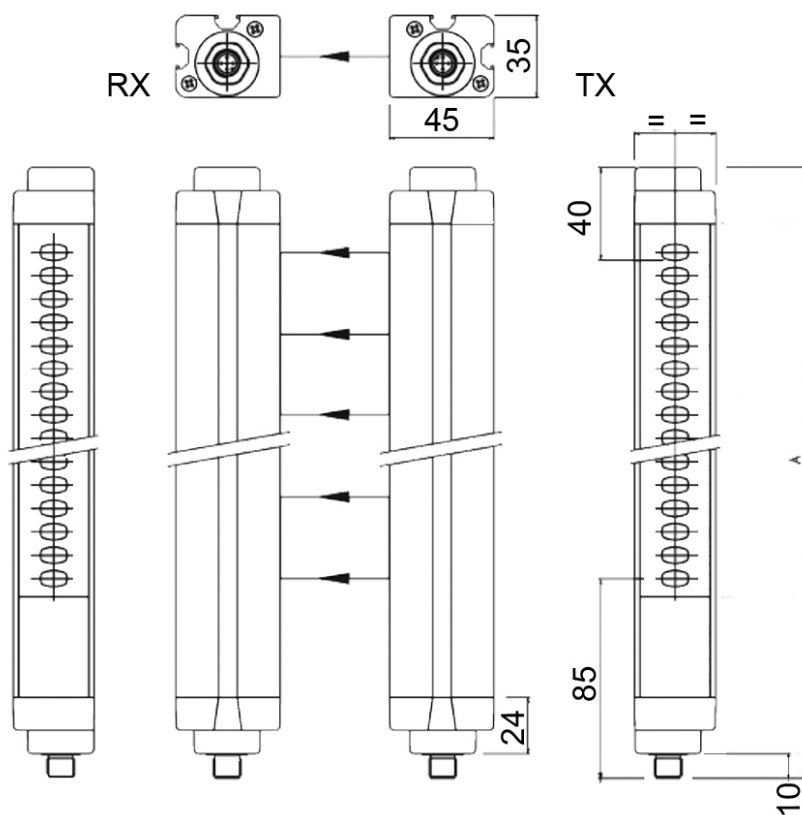
## Electrical data

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

Overall height (mm)	2211
Cross section dimensions (mm)	35 x 45
Degree of protection	IP65
Fastening	Back slot, side slot with set of LS type brackets (included) or to the top and lower end with SFB swivel brackets (optional)

Technical drawings



**Certificates**

