REER Your future's safe!

# ADMIRAL AX 2109 BK

Order Code: **1334572**

Body Detection Safety Light Curtain with Blanking Function, Automatic/Manual Restart and EDM

**Safety level**
Type 4 - PL e

**Protected height (mm)**
2110

**Resolution (mm)**
90

**Max. range (m)**
18

**Restart**
Built-in - User selectable automatic or manual

**Functioning system**
Emitter / Receiver

**Blanking function**
Floating

## 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) | 2110 |
| Resolution (mm) | 90 |
| Max. range (m) | 18 |
| Restart | Built-in - User selectable automatic or manual |
| Functioning system | Emitter / Receiver |
| Blanking function | Floating |
| Safety level (SIL / PL) | Type 4 - SILCL 3 - PL e - Cat. 4 |
| Operating temperature (°C) | 0 ... 55 |
| Response time (ms) | 10 |
| Number of beams | 29 |
| 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) |
| Blanking without object presence obligation | 1 or 2 beams, 1, 2 or 3 beams |
| Safety outputs | 2 OSSD PNP (500 mA at 24 VDC) |
| Safety functions | With external module |

## ADMIRAL AX 2109 BK

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

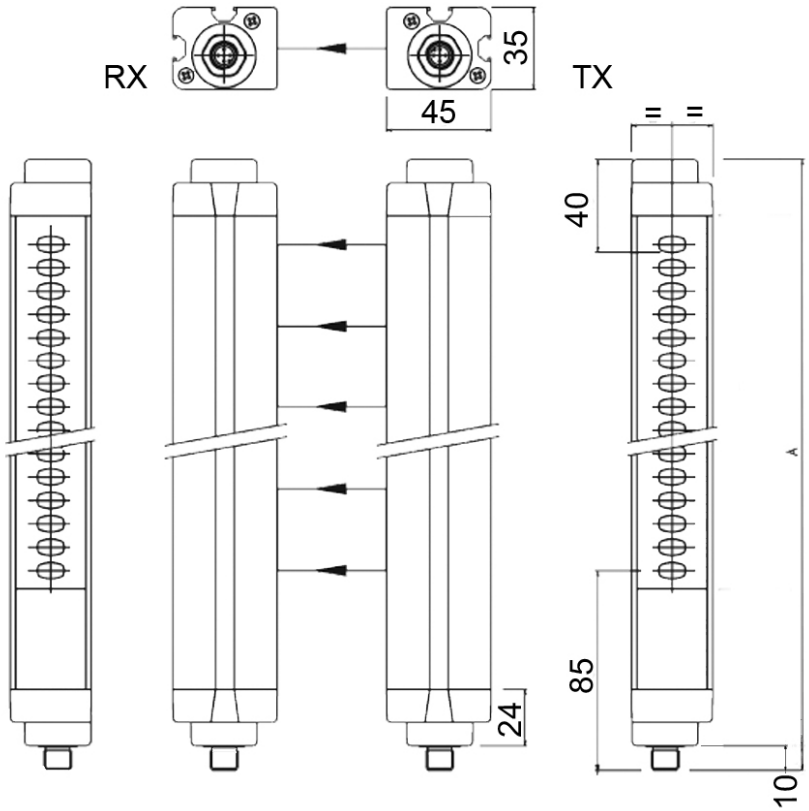
## Electrical data

| | |
|---|---|
| Power supply (VDC) | 24 ± 20% |

## Mechanical data

| | |
|---|---|
| Overall height (mm) | 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

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## Certificates