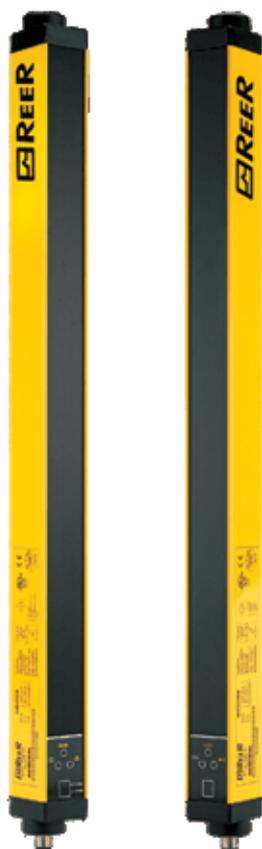


## ADMIRAL AX 601 BKM

Order Code: 1334083

Finger Detection Safety Light Curtain for Cascading Connection with Blanking Function, Automatic Restart (Master)



**Safety level**

Type 4 - PL e

**Protected height (mm)**

610

**Resolution (mm)**

14

**Max. range (m)**

5

**Restart**

Built-in - User selectable automatic or manual

**Functioning system**

Emitter / Receiver

**Blanking function**

Floating

**Master Slave Models**

yes

## 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)                    | 610   |
| Resolution (mm)                          | 14  |
| Max. range (m)                           | 5   |
| Restart                                  | Built-in - User selectable automatic or manual  |
| Functioning system                       | Emitter / Receiver  |
| Blanking function                        | Floating  |
| Master Slave Models                      | yes   |
| Safety level (SIL / PL)                  | Type 4 - SILCL 3 - PL e - Cat. 4  |
| Operating temperature (°C)               | 0 ... 55  |
| Response time (ms)                       | 16,5  |
| Number of beams                          | 60  |
| Max. length of the connection cables (m) | 50  |
| 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), M12 5-pole for slave connection (emitter and receiver) |
| MTTFD (ISO13849) years                   | 100   |
| PFHD (IEC 61508)                         | 1,48E-08  |

## ADMIRAL AX 601 BKM

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

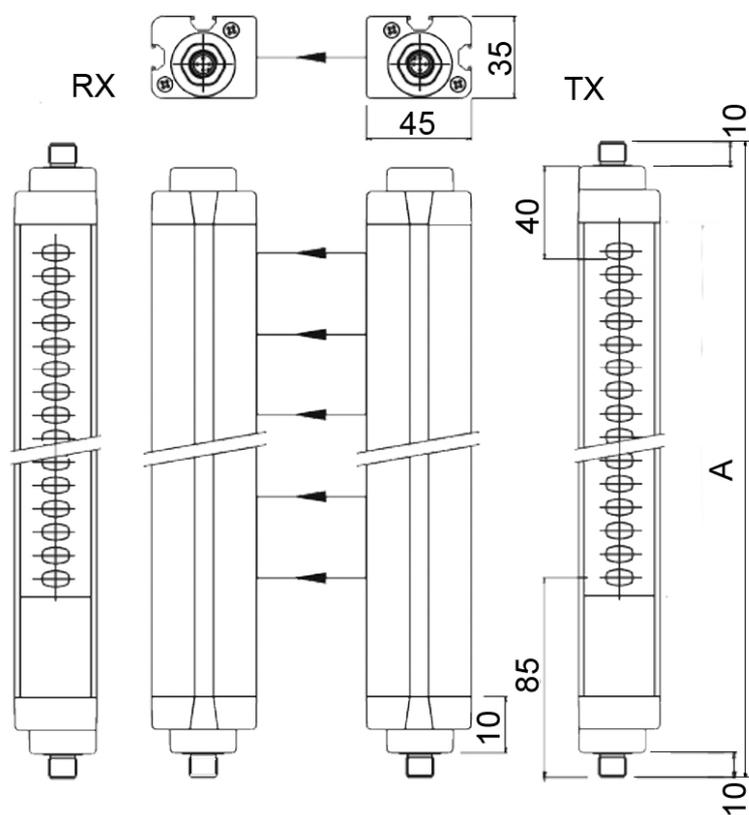
## Electrical data

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

## Mechanical data

|                               |  |
|-------------------------------|--|
| Overall height (mm)           | 711  |
| 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**

