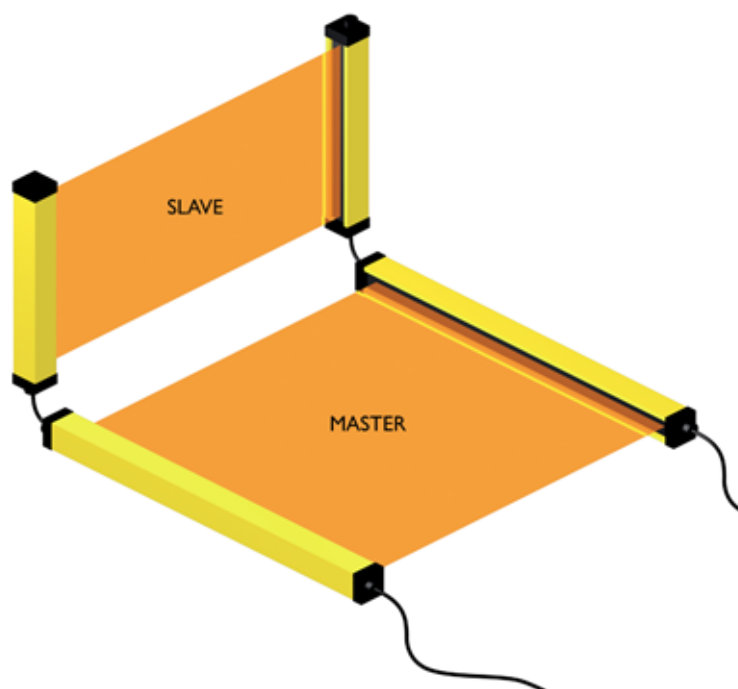


## ADMIRAL AX 751 M

Order Code: 1334024

Finger Detection Safety Light Curtain for Cascading Connection with Automatic/Manual Restart and EDM (Master)



**Safety level**

Type 4 - PL e

**Protected height (mm)**

760

**Resolution (mm)**

14

**Max. range (m)**

5

**Restart**

Built-in - User selectable automatic or manual

**Functioning system**

Emitter / Receiver

**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)                       | 760                                                                                                           |
| Resolution (mm)                             | 14                                                                                                            |
| Max. range (m)                              | 5                                                                                                             |
| Restart                                     | Built-in - User selectable automatic or manual                                                                |
| Functioning system                          | Emitter / Receiver                                                                                            |
| Master Slave Models                         | yes                                                                                                           |
| Safety level (SIL / PL)                     | Type 4 - SILCL 3 - PL e - Cat. 4                                                                              |
| Operating temperature (°C)                  | 0 ... 55                                                                                                      |
| Response time (ms)                          | See technical manual                                                                                          |
| Number of beams                             | 75                                                                                                            |
| Max. length of the connection<br>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 (receiver), M12 5-pole for slave connection (emitter and receiver) |
| MTTFD (ISO13849) years                      | 100                                                                                                           |
| PFHD (IEC 61508)                            | 1,63E-08                                                                                                      |
| Safety outputs                              | 2 OSSD PNP (500 mA at 24 VDC)                                                                                 |
| Safety functions                            | Integrated                                                                                                    |

## ADMIRAL AX 751 M

|                                    |                 |
|------------------------------------|-----------------|
| Detection                          | Finger          |
| Protective enclosures              | None            |
| Packaging dimensions HxLxW<br>(mm) | 145 x 900 x 200 |
| Product class                      | C               |
| Custom tariff                      | 85365019        |

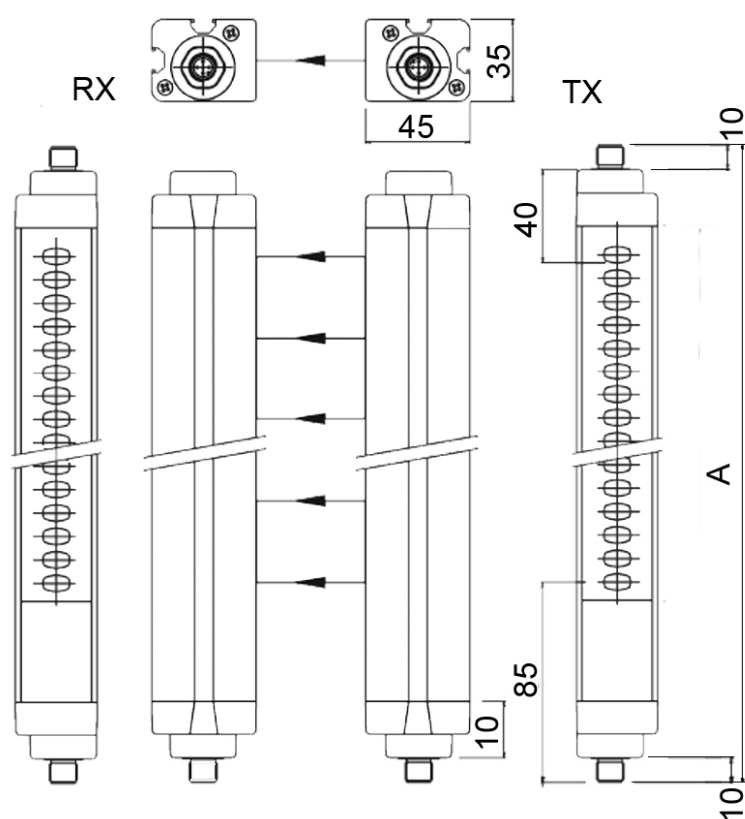
## Electrical data

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

## Mechanical data

|                               |                                                                                                                              |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| Overall height (mm)           | 851                                                                                                                          |
| 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) |
| Gross weight (g)              | 4034,56                                                                                                                      |

## Technical drawings



## Certificates

