

ADMIRAL AX 2255

Order Code: 1334458

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



Safety level

Type 4 - PL e

Protected height (mm)

2260

Resolution (mm)

50

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) | 2260 |
| Resolution (mm) | 50 |
| 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) | 10 |
| Number of beams | 60 |
| 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 | 94,98 |
| PFHD (IEC 61508) | 1,91E-08 |
| Safety outputs | 2 OSSD PNP (500 mA at 24 VDC) |
| Safety functions | Integrated |
| Detection | Body |

Packaging dimensions HxLxW 0 x 0 x 0

(mm)

Product class B

Custom tariff 85365019

Electrical data

Power supply (VDC) 24 ± 20%

Mechanical data

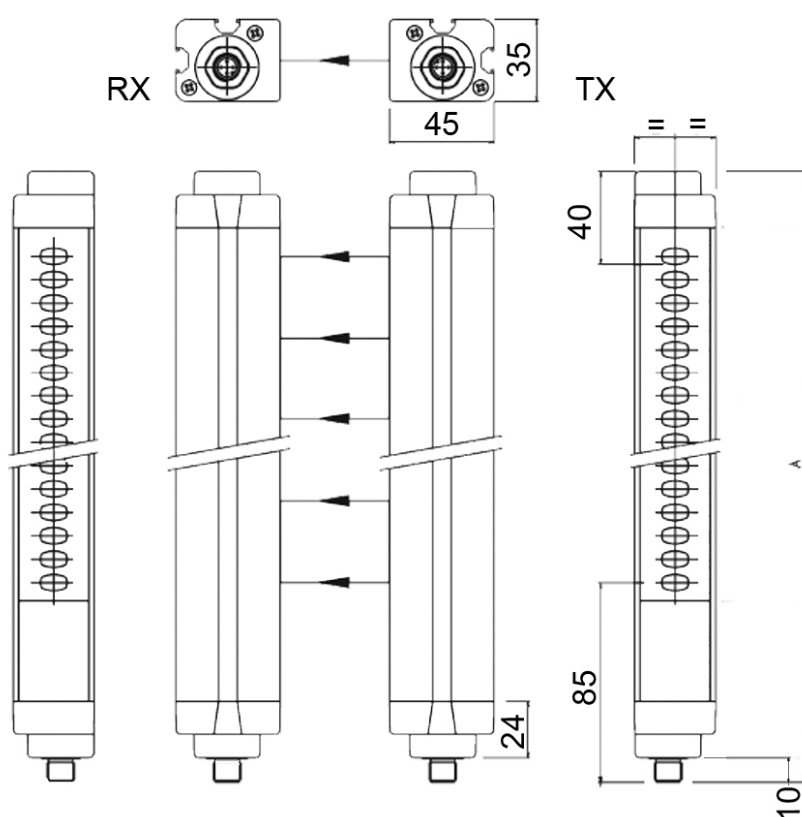
Overall height (mm) 2361

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

