

ADMIRAL AX 1059

Order Code: 1334506

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



Safety level

Type 4 - PL e

Protected height (mm)

1060

Resolution (mm)

90

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) | 1060 |
| Resolution (mm) | 90 |
| 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) | 6 |
| Number of beams | 15 |
| 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 | 100 |
| PFHD (IEC 61508) | 1,27E-08 |
| Safety outputs | 2 OSSD PNP (500 mA at 24 VDC) |
| Safety functions | Integrated |
| Detection | Body |

| | |
|------------------------------------|------------------|
| Protective enclosures | None |
| Packaging dimensions HxLxW (mm) | 145 x 1230 x 200 |
| Product class | C |
| Custom tariff | 85365019 |

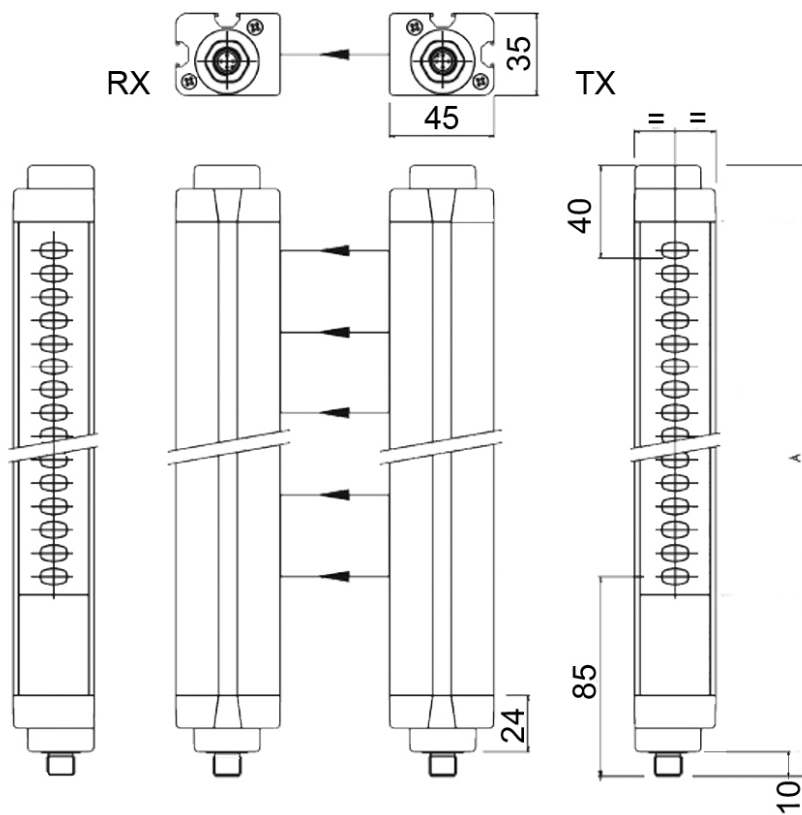
Electrical data

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

| | |
|-------------------------------|--|
| Overall height (mm) | 1161 |
| 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) | 5492,86 |

Technical drawings



Certificates

