

ADMIRAL AX 1654 BK

Order Code: 1334370

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



Safety level

Type 4 - PL e

Protected height (mm)

1660

Resolution (mm)

40

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) | 1660 |
| Resolution (mm) | 40 |
| 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) | 15,5 |
| Number of beams | 55 |
| 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) | 1,69E-08 |
| Blanking without object presence obligation | 1 or 2 beams, 1, 2 or 3 beams |

ADMIRAL AX 1654 BK

| | |
|----------------|-------------------------------|
| Safety outputs | 2 OSSD PNP (500 mA at 24 VDC) |
|----------------|-------------------------------|

| | |
|------------------|----------------------|
| Safety functions | With external module |
|------------------|----------------------|

| | |
|-----------|------|
| Detection | Hand |
|-----------|------|

| | |
|-----------------------|------|
| Protective enclosures | None |
|-----------------------|------|

| | |
|------------------------------------|------------------|
| Packaging dimensions HxLxW (mm) | 145 x 1830 x 200 |
|------------------------------------|------------------|

| | |
|---------------|---|
| Product class | C |
|---------------|---|

| | |
|---------------|----------|
| Custom tariff | 85365019 |
|---------------|----------|

Electrical data

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

Mechanical data

| | |
|---------------------|------|
| Overall height (mm) | 1761 |
|---------------------|------|

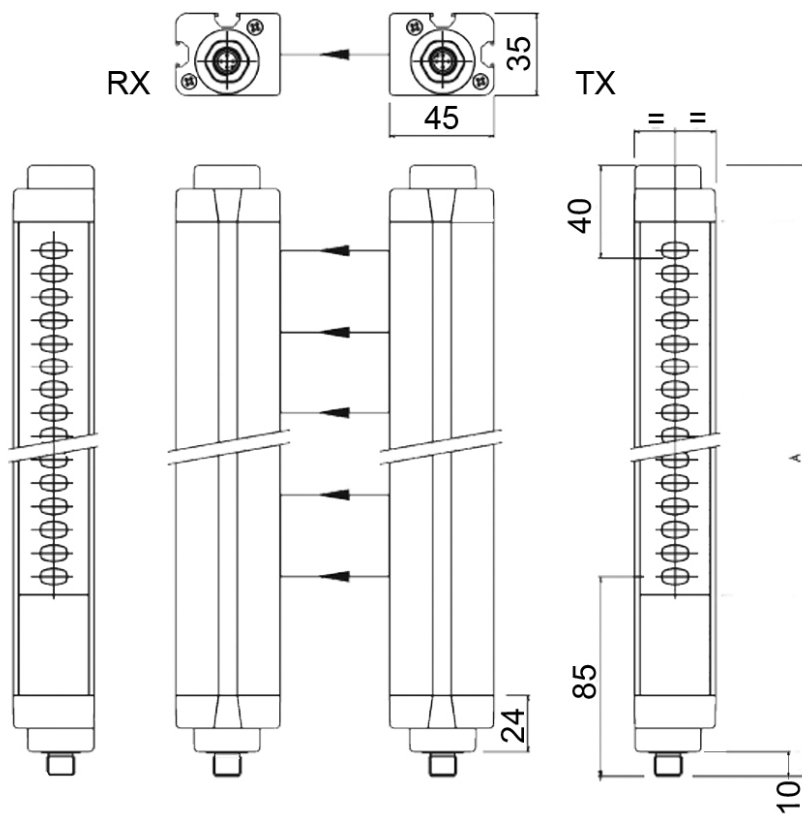
| | |
|-------------------------------|---------|
| Cross section dimensions (mm) | 35 x 45 |
|-------------------------------|---------|

| | |
|----------------------|------|
| 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) | 8109,26 |
|------------------|---------|

Technical drawings



Certificates

