

## ADMIRAL AD 1803

Order Code: 1330211

Hand Detection Safety Light Curtain with Automatic Restart



**Safety level**

Type 4 - PL e

**Protected height (mm)**

1810

**Resolution (mm)**

30

**Max. range (m)**

18

**Restart**

Automatic

**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)	1810
Resolution (mm)	30
Max. range (m)	18
Restart	Automatic
Functioning system	Emitter / Receiver
Safety level (SIL / PL)	Type 4 - SILCL 3 - PL e - Cat. 4
Operating temperature (°C)	0 ... 55
Response time (ms)	16
Number of beams	96
Max. length of the connection cables (m)	
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 connectors
MTTFD (ISO13849) years	79,99
PFHD (IEC 61508)	1,98E-08
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 1980 x 200

Product class C

Custom tariff 85365019

## Electrical data

Power supply (VDC) 24 ± 20%

## Mechanical data

Overall height (mm) 1911

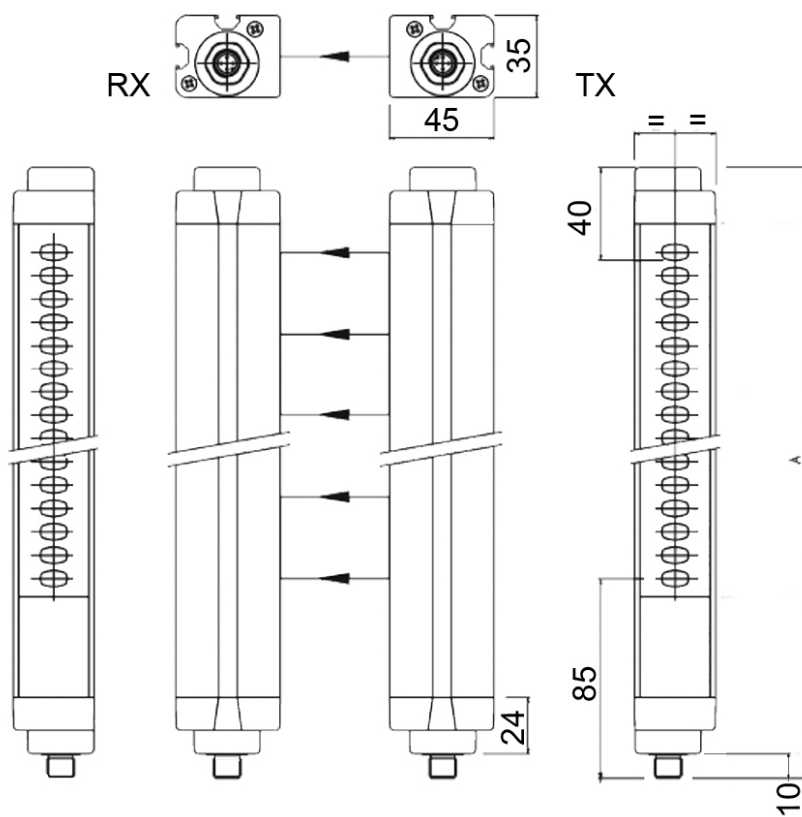
Cross section dimensions (mm) 35 x 45

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) 8701,36

Technical drawings



**Certificates**

