REER Your future's safe!

ADMIRAL AD 1801

Order Code: **1330011**

Finger Detection Safety Light Curtain with Automatic Restart

Safety level
Type 4 - PL e

Protected height (mm)
1810

Resolution (mm)
14

Max. range (m)

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)	14
Max. range (m)	
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)	27
Number of beams	180
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	52,79
PFHD (IEC 61508)	2,71E-08
Safety outputs	2 OSSD PNP (500 mA at 24 VDC)
Safety functions	With external module
Detection	Finger
Protective enclosures	None

ADMIRAL AD 1801

Packaging dimensions HxLxW (mm)	145 x 1980 x 200
Product class	C
Custom tariff	85365019

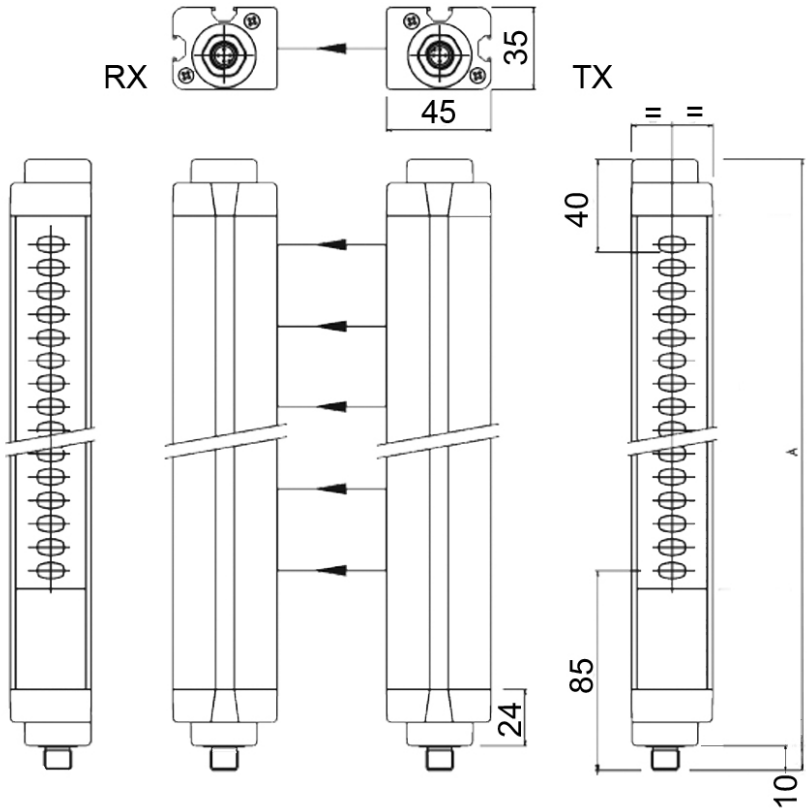
Electrical data

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