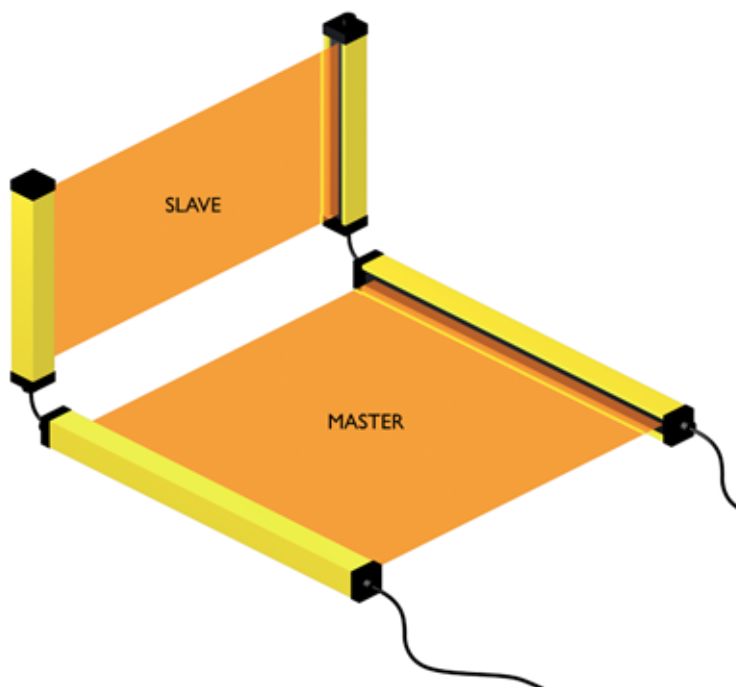


ADMIRAL AX 451 M

Order Code: 1334022

Finger Detection Safety Light Curtain for Cascading Connection with Automatic/Manual Restart and EDM. Master



Safety level

Type 4 - PL e

Protected height (mm)

460

Resolution (mm)

14

Max. range (m)

5

Restart

Built-in - User selectable automatic or manual

Functioning system

Emitter / Receiver

Master Slave Models

yes

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)	460
Resolution (mm)	14
Max. range (m)	5
Restart	Built-in - User selectable automatic or manual
Functioning system	Emitter / Receiver
Master Slave Models	yes
Safety level (SIL / PL)	Type 4 - SILCL 3 - PL e - Cat. 4
Operating temperature (°C)	0 ... 55
Response time (ms)	See technical manual
Number of beams	45
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 (receiver), M12 5-pole for slave connection (emitter and receiver)
MTTFD (ISO13849) years	100
PFHD (IEC 61508)	1,33E-08
Safety outputs	2 OSSD PNP (500 mA at 24 VDC)
Safety functions	Integrated

ADMIRAL AX 451 M

Detection	Finger
Protective enclosures	None
Packaging dimensions HxLxW (mm)	145 x 600 x 200
Product class	C
Custom tariff	85365019

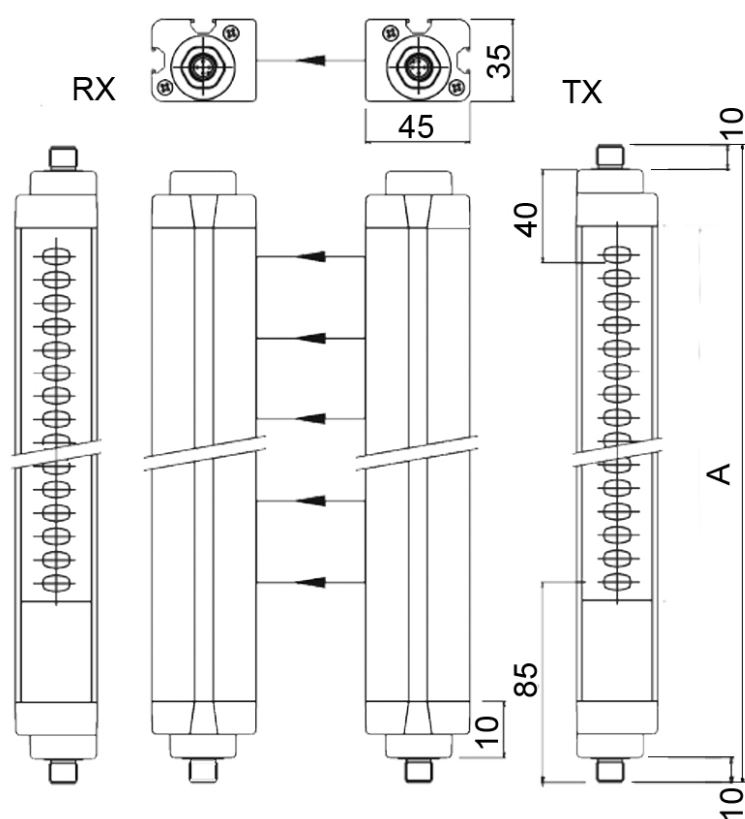
Electrical data

Power supply (VDC)	24 ± 20%
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Mechanical data

Overall height (mm)	551
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)	2889,56

Technical drawings



Certificates

