ReeR
Your future's safe!

ADMIRAL AX 452 BKM
Order Code: **1334182**

Hand Detection Safety Light Curtain for Cascading Connection with Blanking Function, Automatic Restart (Master)

Safety level

Type 4 - PL e

Protected height (mm)

460

Resolution (mm)

20

Max. range (m)

18

Restart

Built-in - User selectable automatic or manual

Functioning system

Emitter / Receiver

Blanking function

Floating

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

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Features

Safety level	Type 4 - PL e
Protected height (mm)	460
Resolution (mm)	20
Max. range (m)	18
Restart	Built-in - User selectable automatic or manual
Functioning system	Emitter / Receiver
Blanking function	Floating
Master Slave Models	yes
Safety level (SIL / PL)	Type 4 - SILCL 3 - PL e - Cat. 4
Operating temperature (°C)	0 ... 55
Response time (ms)	13,5
Number of beams	45
Max. length of the connection cables (m)	50
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), M12 5-pole for slave connection (emitter and receiver)
MTTFD (ISO13849) years	100
PFHD (IEC 61508)	1,33E-08

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Blanking without object presence obligation	1 or 2 beams, 1, 2 or 3 beams
Safety outputs	2 OSSD PNP (500 mA at 24 VDC)
Safety functions	With external module
Detection	Hand
Protective enclosures	None
Packaging dimensions HxLxW (mm)	0 x 0 x 0
Product class	C
Custom tariff	85365019

Electrical data

Power supply (VDC)	24 ± 20%

Mechanical data

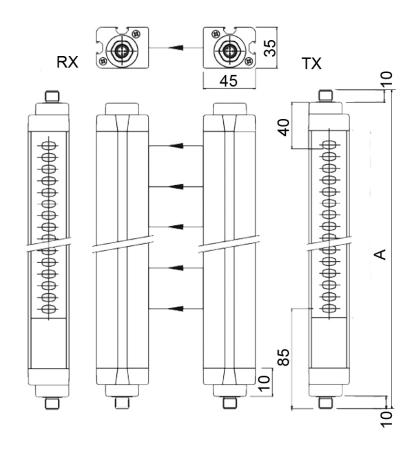|	
Overall height (mm)	561
Cross section dimensions (mm)	35 x 45
Degree of protection	IP65
Fastening	Back slot, side slot with set of LS type brackets (included) or to the top and lower end with SFB swivel brackets (optional)

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RX   TX

35
45
10
40
A
85
10
10

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Certificates