

ADMIRAL AX 902 BK

Order Code: 1334165

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



Safety level

Type 4 - PL e

Protected height (mm)

910

Resolution (mm)

20

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)	910
Resolution (mm)	20
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	90
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	92,14
PFHD (IEC 61508)	1,79E-08
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) 145 x 1080 x 200

Product class C

Custom tariff 85365019

Electrical data

Power supply (VDC) 24 ± 20%

Mechanical data

Overall height (mm) 1011

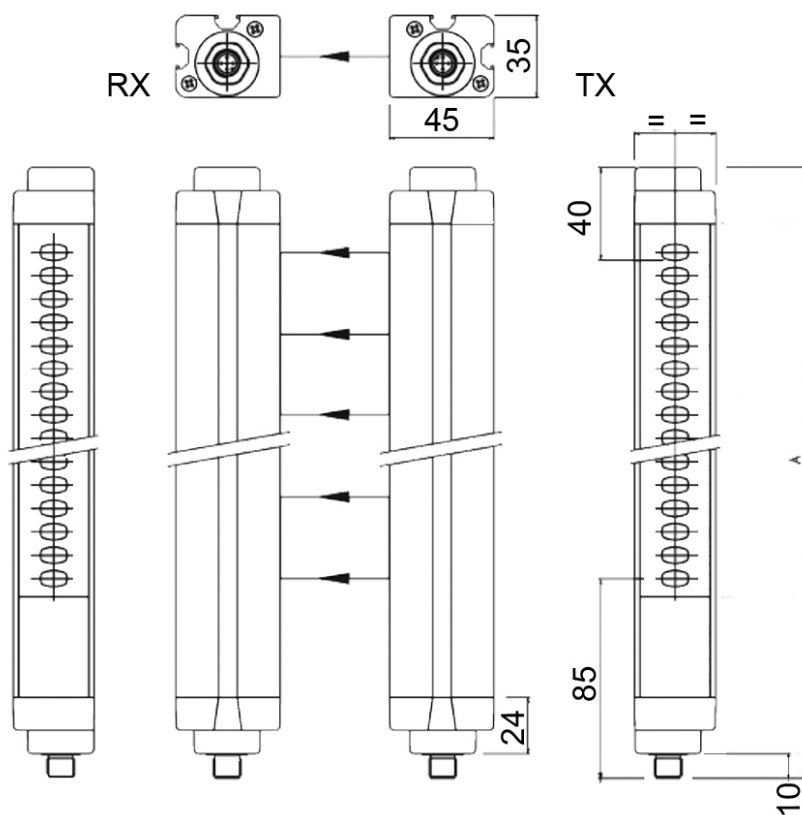
Cross section dimensions (mm) 35 x 45

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) 4720,76

Technical drawings



Certificates

