# **ADMIRAL AD 459**

Order Code: 1330502

Body Detection Safety Light Curtain with Automatic Restart



Safety level Type 4 - PL e

Protected height (mm) 460

Resolution (mm) 90

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

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## **EXAMPLE REPORT** Your future's safe!

### **Features**

Safety level	Type 4 - PL e
Protected height (mm)	460
Resolution (mm)	90
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)	6
Number of beams	7
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	100
PFHD (IEC 61508)	1,04E-08
Safety outputs	2 OSSD PNP (500 mA at 24 VDC)
Safety functions	With external module
Detection	Body
Protective enclosures	None
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Pag. 2/5

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Packaging dimensions HxLxW	145 x 600 x 200
(mm)	
Product class	C
Custom tariff	85365019

### **Electrical data**

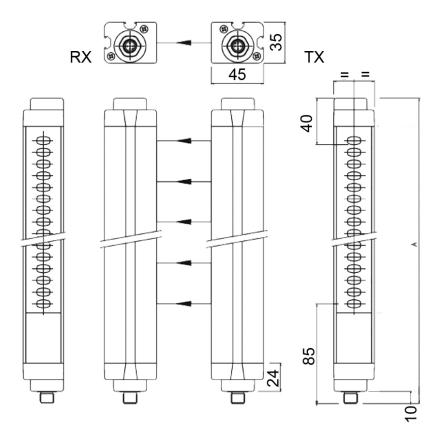
Power supply (VDC)	24 ± 20%
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### **Mechanical data**

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)
Gross weight (g)	2889,56



### **Technical drawings**



**ADMIRAL AD 459** 

Pag. 4/5



### Certificates



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