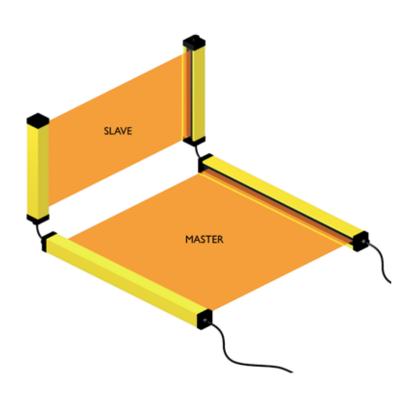
# **EXER** Your future's safe!

# **ADMIRAL AX 1051 S**

Order Code: 1334046

Finger Detection Safety Light Curtain for Cascading Connection with Automatic/Manual Restart and EDM (Slave)



Safety level

Type 4 - PL e

Protected height (mm)

1060

Resolution (mm)

14

Max. range (m)

5

Restart

Built-in - User selectable automatic or manual

**Functioning system** 

Emitter / Receiver

Master Slave Models Ves

## **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**

Short circuit, overload and reverse polarity  Connections M12 5-pole connectors  MTTFD (ISO13849) years 81,96  PFHD (IEC 61508) 1,94E-08  Safety outputs 2 OSSD PNP (500 mA at 24 VDC)  Safety functions Integrated		
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 105  Max. length of the connection 50  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 81,96  PFHD (IEC 61508) 1,94E-08  Safety outputs 2 OSSD PNP (500 mA at 24 VDC)  Safety functions Integrated	Safety level	Type 4 - PL e
Max. range (m)  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  105  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  MTTFD (ISO13849) years  MTTFD (IEC 61508)  1,94E-08  Safety outputs  2 OSSD PNP (500 mA at 24 VDC)  Integrated	Protected height (mm)	1060
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Response time (ms)  See technical manual  Number of beams  105  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  MTTFD (ISO13849) years  MTTFD (IEC 61508)  1,94E-08  Safety outputs  2 OSSD PNP (500 mA at 24 VDC)  Safety functions  Integrated	Safety level (SIL / PL)	Type 4 - SILCL 3 - PL e - Cat. 4
Number of beams  Max. length of the connection  50  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  81,96  PFHD (IEC 61508)  1,94E-08  Safety outputs  2 OSSD PNP (500 mA at 24 VDC)  Safety functions  Integrated	Operating temperature (°C)	0 55
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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  81,96  PFHD (IEC 61508)  1,94E-08  Safety outputs  2 OSSD PNP (500 mA at 24 VDC)  Safety functions  Integrated	cables (m)	
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PFHD (IEC 61508)  1,94E-08  Safety outputs  2 OSSD PNP (500 mA at 24 VDC)  Safety functions  Integrated	Connections	M12 5-pole connectors
Safety outputs 2 OSSD PNP (500 mA at 24 VDC)  Safety functions Integrated	MTTFD (ISO13849) years	81,96
Safety functions Integrated	PFHD (IEC 61508)	1,94E-08
	Safety outputs	2 OSSD PNP (500 mA at 24 VDC)
Detection Finger	Safety functions	Integrated
	Detection	Finger

### **ADMIRAL AX 1051 S**



Protective enclosures None

Packaging dimensions HxLxW 145 x 1230 x 200

(mm)

Product class C

Custom tariff 85365019

#### **Electrical data**

Power supply (VDC) 24 ± 20%

#### Mechanical data

Overall height (mm) 1161

Cross section dimensions (mm) 35 x 45

Degree of protection IP65

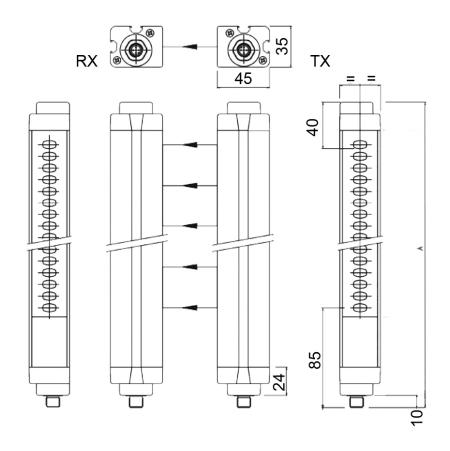
Fastening Back slot, side slot with set of LS type brackets (included) or to

the top and lower end with SFB swivel brackets (optional)

Gross weight (g) 5492,86



# **Technical drawings**





## **Certificates**











