

SAFEREADY SFRD4 909 P

Order Code: 1070345

Body Detection Type 4 Safety Light Curtain. Plus Version.
Bluetooth configuration via Safeready APP.
Automatic/Manual Restart selectable and EDM monitoring.
Integrates fixed and floating blanking and manual pre-restart functions. Configurable response time.



Safety level

Type 4 - PL e

Protected height (mm)

910

Resolution (mm)

90

Max. range (m)

18

Restart

Built-in - User selectable automatic or manual

Functioning system

Emitter / Receiver

Blanking function

Fixed, floating or mixed

Programmability

Yes

Technical Description

Compact Safety Light Curtain: Type 4, SIL 3, SILCL 3, PL e, Cat. 4

Cross Section: 28 x 33 mm

No blind area on both side

Software configuration via Safeready APP connected via Bluetooth; allows the barrier to be adapted to different safety applications

Connection and configuration through M12 pig-tail connectors

Start / Restart manual or automatic with EDM monitoring

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)	90
Controlled height (mm)	900
Max. range (m)	18
Restart	Built-in - User selectable automatic or manual
Functioning system	Emitter / Receiver
Blanking function	Fixed, floating or mixed
Safety level (SIL / PL)	Type 4 - SIL 3 - Max SIL 3 - SL 2 - PL e - Cat. 4
Operating temperature (°C)	- 30 ... 55
Number of beams	12
Max. length of the connection cables (m)	100
Signalling	LEDs and top LED cap for light curtain's status and diagnostics
Safety output type	2 fail-safe PNP (400 mA at 24 VDC) with protection against short circuit, overload and reverse polarity
Connections	M12 5-pole male pigtail connector (emitter), M12 8-pole male pigtail connector (receiver)
MTTFD (ISO13849) years	20
Blanking with object presence obligation	Configurable via Safeready APP
Safety outputs	2 OSSD PNP (400 mA at 24 VDC)

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Storage temperature (°C)	- 30 ... 70
Relative humidity	50% @ 70 °C / 90% @ 20 °C
Safety functions	Integrated
Detection	Body
Operating Range (m)	Selectable: 0 ... 8 m - low range / 5 ... 18 m - high range
Protective enclosures	None
Programmability	Yes
Product class	B

Electrical data

Power supply (VDC)	24 ± 20%
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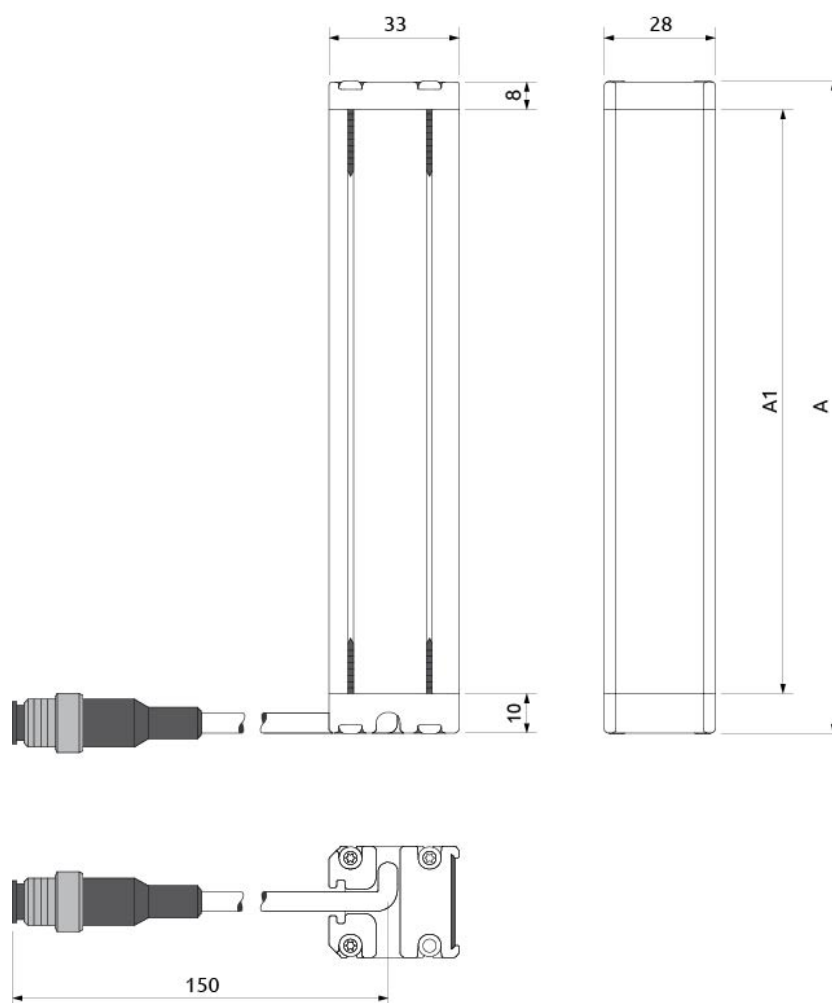
Mechanical data

Beam spacing (mm)	80
Overall height (mm)	918
Cross section dimensions (mm)	28 x 33
Degree of protection	IP65 - IP67
Fastening	Back slot with set of brackets (included)

Technical drawings

A1 (Controlled height) = 900 mm

A (Overall height) = 918 mm



Certificates

