SAFEREADY SFRD4 1051 P

Order Code: **1070046**

Finger 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, manual pre-restart, and reduced resolution functions. Configurable response time.

Safety level
Type 4 - PL e

Protected height (mm)
1050

Resolution (mm)
14

Max. range (m)
8

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)	1050
Resolution (mm)	14
Controlled height (mm)	1047
Max. range (m)	8
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	105
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)

Storage temperature (°C)	- 30 ⋯ 70
Relative humidity	50% @ 70 °C / 90% @ 20 °C
Safety functions	Integrated
Detection	Finger
Operating Range (m)	Selectable: 0 ... 3 m - low range / 0 ... 8 m - high range
Protective enclosures	None
Programmability	Yes
Product class	B

Electrical data

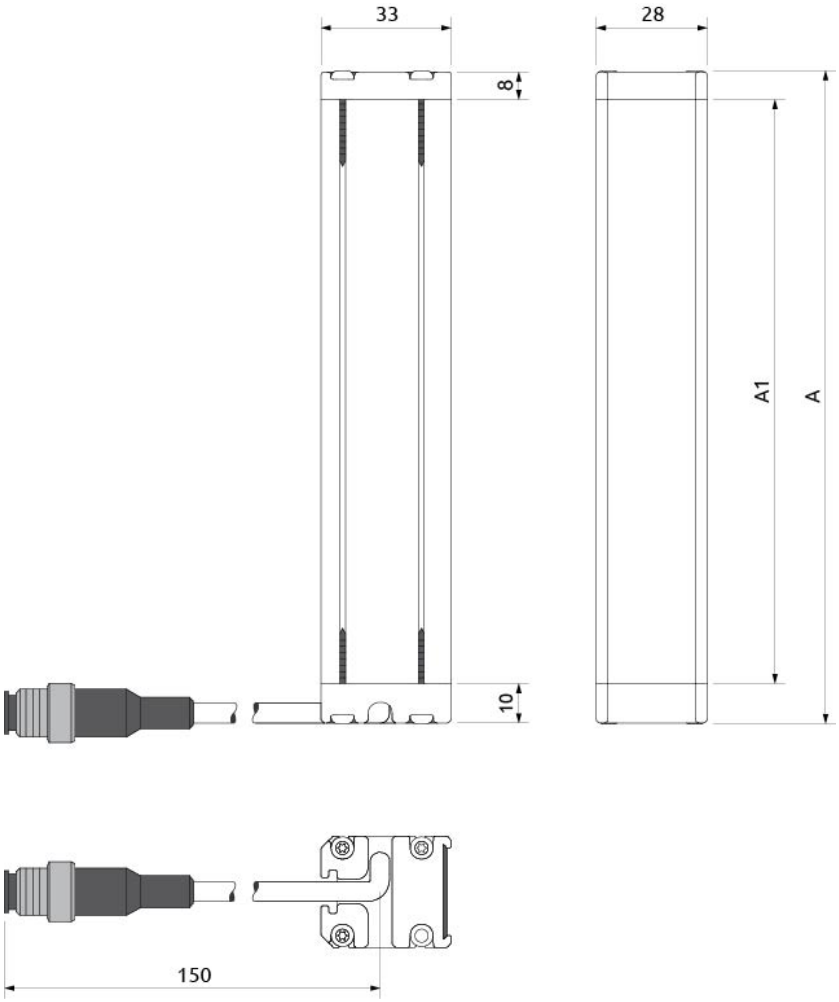
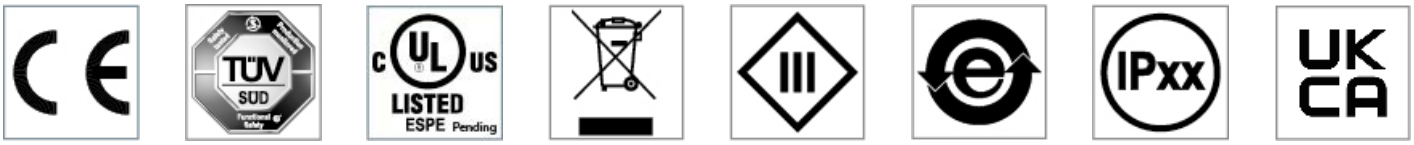
Power supply (VDC)	24 ± 20%

Mechanical data

Beam spacing (mm)	10
Overall height (mm)	1065
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) = 1047 mm
A (Overall height) = 1065 mm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