

VISION V 453 H

Order Code: 1340222

Hand Detection Safety Light Curtain with Automatic Restart. Extended Range



Safety level
Type 2 - PL c

Protected height (mm)
460

Resolution (mm)
30

Max. range (m)
16

Restart
Automatic

Functioning system
Emitter / Receiver

Technical Description

Safety Light Curtain: Type 2, SILCL 1, PL c, Cat. 2

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 2 - PL c
Protected height (mm)	460
Resolution (mm)	30
Max. range (m)	16
Restart	Automatic
Functioning system	Emitter / Receiver
Safety level (SIL / PL)	Type 2 - SILCL 1 - PL c - Cat. 2
Operating temperature (°C)	0 ... 55
Response time (ms)	8
Number of beams	24
Max. length of the connection cables (m)	100
Signalling	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 (emitter and receiver)
MTTFD (ISO13849) years	100
PFHD (IEC 61508)	1,14E-08
Safety outputs	2 OSSD PNP (500 mA at 24 VDC)
Safety functions	With external module
Detection	Hand
Operating Range (m)	From 1 to 16
Protective enclosures	None

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Packaging dimensions HxLxW
(mm)

145 x 600 x 200

Product class

B

Custom tariff

85365019

Electrical data

Power supply (VDC)

24 ± 20%

Mechanical data

Overall height (mm)

561

Cross section dimensions (mm)

35 x 45

Degree of protection

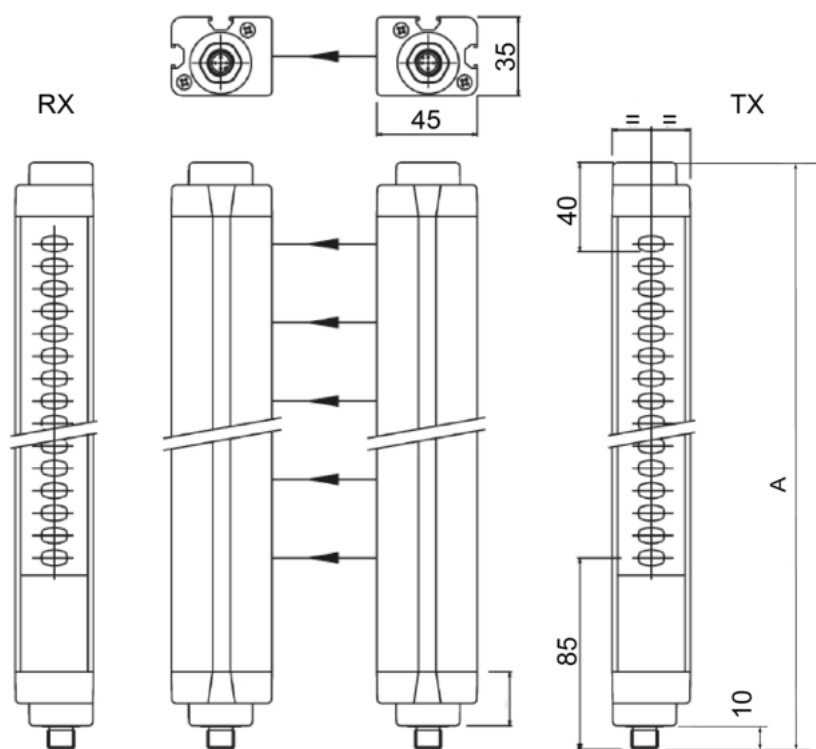
IP65

Fastening

Back slot, side slot with set of LS type brackets (included) or
to the top and lower end with SFB swivel brackets
(optional)

Technical drawings

A (Overall height) = 561 mm



Certificates

