

VISION VX 453 M

Order Code: 1344222

Hand Detection Safety Light Curtain for Cascading Connection with Automatic/Manual Restart and EDM. Master



Safety level

Type 2 - PL c

Protected height (mm)

460

Resolution (mm)

30

Max. range (m)

18

Restart

Built-in - User selectable
automatic or manual

Functioning system

Emitter / Receiver

Master Slave Models

Yes

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)	18
Restart	Built-in - User selectable automatic or manual
Functioning system	Emitter / Receiver
Master Slave Models	Yes
Safety level (SIL / PL)	Type 2 - SILCL 1 - PL c - Cat. 2
Operating temperature (°C)	0 ... 55
Response time (ms)	9
Number of beams	24
Max. length of the connection cables (m)	50
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 connector (emitter), M12 8-pole connector (receiver)
MTTFD (ISO13849) years	100
PFHD (IEC 61508)	1,14E-08
Safety outputs	2 OSSD PNP (500 mA at 24 VDC)
Safety functions	Integrated

Detection	Hand
Operating Range (m)	Selectable: 0 ... 6 m - low range / 3 ... 18 m - high range
Protective enclosures	None
Packaging dimensions HxLxW (mm)	145 x 600 x 200
Product class	C
Custom tariff	85365019

Electrical data

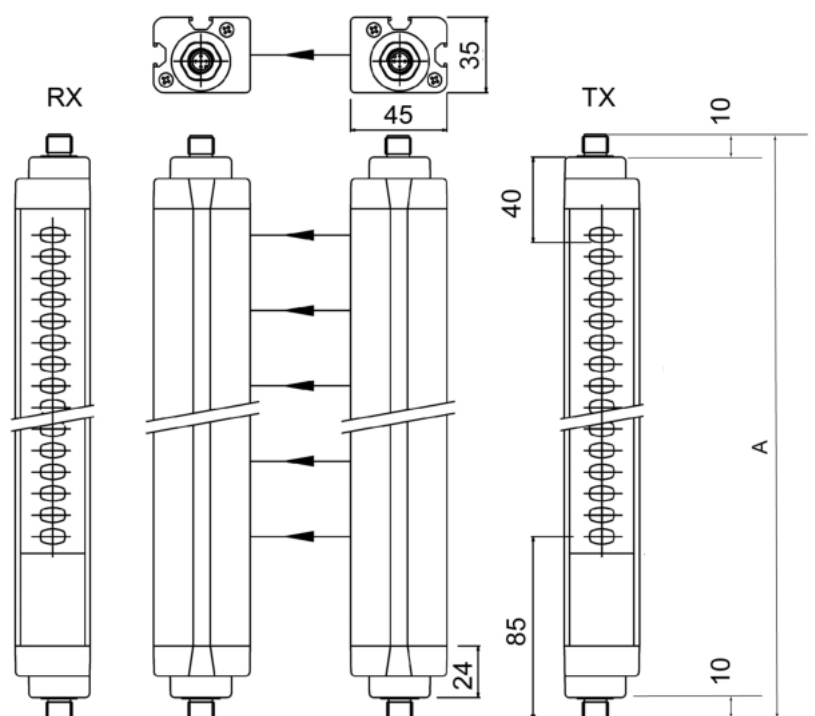
Power supply (VDC)	24 ± 20%
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Mechanical data

Overall height (mm)	571
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) = 571 mm



Certificates

