

VISION MXL U 903

Order Code: 1344855

Hand Detection Safety Light Curtain with Integrated Muting Function. Automatic/Manual Restart and ED M. L-Logic (Exit Only)



Safety level

Type 2 - PL c

Protected height (mm)

910

Resolution (mm)

30

Max. range (m)

8

Restart

Built-in - User selectable automatic or manual

Functioning system

Emitter / Receiver

Muting Function

Integrated

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

Allows the connection of external Muting sensors to create a One-Way access control system with Exit-Only L-Muting logic

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)	910
Resolution (mm)	30
Max. range (m)	8
Restart	Built-in - User selectable automatic or manual
Functioning system	Emitter / Receiver
Safety level (SIL / PL)	Type 2 - SILCL 1 - PL c - Cat. 2
Operating temperature (°C)	0 ... 55
Response time (ms)	28,5
Number of beams	48
Max. length of the connection cables (m)	100
Muting Function	Integrated
Muting logic	L (One way) logic with 2 sensors - Parallel beams
Max. override time-out	15 min.
Max. Muting time-out	30 sec.; 90 min. or infinite selectable
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 connector (emitter), M16 12-pole connector (receiver)
MTTFD (ISO13849) years	86,12
PFHD (IEC 61508)	8,33E-08

VISION MXL U 903

Safety outputs	2 OSSD PNP (500 mA at 24 VDC)
----------------	-------------------------------

Safety functions	Integrated
------------------	------------

Detection	Hand
-----------	------

Operating Range (m)	From 0,3 to 8
---------------------	---------------

Protective enclosures	None
-----------------------	------

Packaging dimensions HxLxW (mm)	145 x 1080 x 200
------------------------------------	------------------

Product class	B
---------------	---

Custom tariff	85365019
---------------	----------

Electrical data

Power supply (VDC)	24 ± 20%
--------------------	----------

Mechanical data

Overall height (mm)	1011
---------------------	------

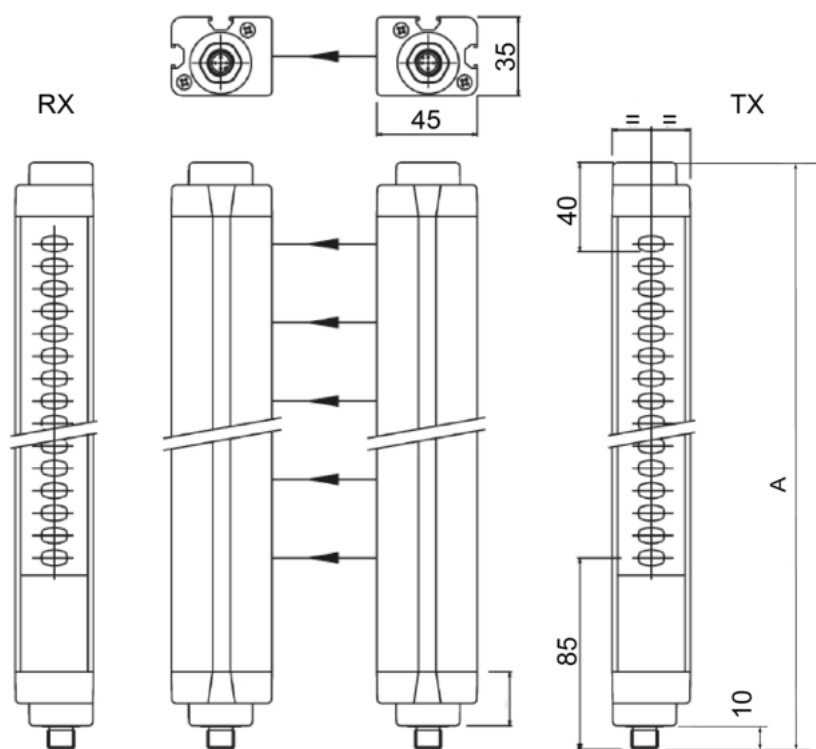
Cross section dimensions (mm)	35 x 45
-------------------------------	---------

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) = 1011 mm



Certificates

