

Certificate

No. NF1105230001

Functional Safety approved to

Autonics Corp.

18, Bansong-ro 513beon-gil, Haeundae-gu,
Busan, Republic of Korea

that the realisation of the safety protection function

in the Electro-Sensitive Protective Equipment

Safety Light Curtain Type 4

SFLx-y series (standard type),

SFLAx-y series (advanced type)

where x: detection capability, y: number of beams

meets the requirements listed in the below mentioned standards

- IEC/EN 61508-1~ -7: 2010 SIL 3
- IEC/EN IEC 62061: 2021 SIL 3
- ISO 13849-1: 2015 PL e, Cat. 4
- ISO 13849-2: 2012 PL e, Cat. 4
- IEC/EN IEC 61496-1:2020 Type 4
- IEC/EN IEC 61496-2: 2020 Type 4

The products were assessed and tested on a voluntary base and complies with the essential requirements of listed standards and safety integrity level indicated. Any changes to the design, components or procedure may require repetition of the qualification in part for retaining this certification. The certificate can be withdrawn if the requirements are no longer satisfied by the applicant.



Certification Department

Valid until 2028-01-30
Issue Date 2023-01-31

Appendix 1 to Certificate No.: NF1105230001
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 Report No.: TWR1907015 002
 Issued Date: 2023-01-31

SF	L			-		-	
①	②	③	④		⑤		⑥

Item		Description
①Model	SF	Safety component
②Model type	L	Light curtain
③Function	No mark	Standard type
	A	Advanced type
④Detection capability	Number	Minimum size of detection object (unit: mm)
⑤Number of beams	Number	The number of optical axes
⑥Korea safety certification	No mark	S-mark
	A	KCs (industrial robot protection device)