



Product Service

CERTIFICATE

No. Z10 040393 0044 Rev. 00

Holder of Certificate: Euchner GmbH + Co. KG
Kohlhammerstr. 16
70771 Leinfelden-Echterdingen
GERMANY

Certification Mark:



Product: Electro-Sensitive Protective Equipment
Safety Light Curtain (Type 2)

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition the certification holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the testing and certification regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: EL97599T

Valid until: 2026-07-14

Date, 2022-09-16

(Jiayi Dong)



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Parameters:	Power supply:	24VDC ±20%
	Power consumption:	Max. 1W (emitter) Max. 2W (receiver)
	Output:	pnp, max. 400mA
	Resolution:	30/40/50/90mm
	Working range:	0-4 / 0-12m
	Distance between beam:	300/400/500mm
	Operating temperature:	-30°C...+55°C
	Protection class:	IP65/IP67/IP69k

Tested according to:	2006/42/EC
	EN IEC 61496-1:2020 (Type 2)
	EN IEC 61496-2:2020 (Type 2)
	IEC 61508-1:2010 (SIL 1)
	IEC 61508-2:2010 (SIL 1)
	IEC 61508-3:2010 (SIL 1)
	EN 62061:2005/A2:2015 (SILCL 1)
EN ISO 13849-1:2015 (Cat.2, PL c)	

Model(s):	LCA 2
	For nomenclature see next page



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Nomenclature of LCA 2

LCA 2	XX	XX	XX	XXXX	XX	XXXXXX
(A)	(B)	(C)	(D)	(E)	(F)	(G)

with:

- A Safety level
2: Type 2
- B Component
T: Transmitter
R: Receiver
TR Transmitter/Receiver Set
- C Output connection (optional)
M: Master
S1: Slave 1
S2: Slave 2
- D Resolution (in mm) or number of beams
30, 40, 50, 90
2B: 2 Beams
3B: 3 Beams
4B: 4 Beams
- E Protected Height (in mm)
160, 260, 310, 460, 610, 760, 910,
1060, 1210, 1360, 1510, 1660, 1810
- F System Family
AP Separate operation, dual channel,
Test pulse on the safety outputs (OSSD)
- G Identity number
xxxxxx 6 numbers