



Product Service

# CERTIFICATE

No. Z10 040393 0045 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 4)**

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](http://www.tuvsud.com/ps-cert)

**Test report no.:** EL97599T

**Valid until:** 2026-07-14

**Date,** 2022-09-16

( Jiayi Dong )



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<b>Parameters:</b>	Power Supply:	24VDC ±20%
	Power Consumption:	Max. 1W (Emitter) Max. 2W (Receiver)
	Output:	pnp, max. 400mA
	Resolution:	14/20/30/40/50/90mm
	Working Range:	0-3 / 1-6m
		0-4 / 0-12m
		0-10 / 3-20m
	Distance between beam:	300/400/500mm
	Operating temperature:	-30°C ... 55°C
	Protection class:	IP65/IP67/IP69k

<b>Tested according to:</b>	2006/42/EC
	EN IEC 61496-1:2020 (Type 4)
	EN IEC 61496-2:2020 (Type 4)
	IEC 61508-1:2010 (SIL 3)
	IEC 61508-2:2010 (SIL 3)
	IEC 61508-3:2010 (SIL 3)
	EN 62061:2005/A2:2015 (SILCL 3)
EN ISO 13849-1:2015 (Cat 4, PL e)	

<b>Model(s):</b>	<b>LCA 4</b>
	For nomenclature see next page



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## Nomenclature of LCA 4

<b>LCA 4</b>	XX	XX	XX	XXXX	XX	XXXXXX
(A)	(B)	(C)	(D)	(E)	(F)	(G)

with:

- A Safety level  
4: Type 4
  
- 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  
14, 20, 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