



Product Service

# CERTIFICATE

No. Z10 068636 0034 Rev. 01

**Holder of Certificate:** **Leuze electronic GmbH + Co.KG**

In der Braike 1  
73277 Owen/Teck  
GERMANY

**Certification Mark:**



**Product:** **Safety components**

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.:** LO101059T

**Valid until:** 2024-02-19

**Date,** 2023-06-23

( Christian Dirmeier )



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<b>Parameters:</b>	Degree of protection:	IP67, IP69K
	Ambient temperature:	-20°C...+50°C
	Storing temperature:	-40°C...+75°C

<b>Tested according to:</b>	2006/42/EC
	EN 60947-1:2007/A2:2014
	EN IEC 60947-5-2:2020
	EN 60947-5-3:2013
	EN ISO 14119:2013
	EN 61508-1:2010 (SIL 3)
	EN 61508-2:2010 (SIL 3)
	EN 61508-3:2010 (SIL 3)
EN 62061:2005/A2:2015 (SILCL 3)	
EN ISO 13849-1:2015 (Cat 4, PL e)	

**Model(s):** L300- fff-icd-gggggg-bbbbb-aaaa-eee-hhhhhh

with

**fff Cover**

blank	Standard cover
B1-B99	Raised cover with or without buttons, LEDs, mushroom-switches (protection degree IP65)

**i Housing material**

M	Metal housing
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**c Inputs, outputs and programming**

2	Two safety outputs OS1 OS2, Inserted actuator signalling output O3, Locked actuator signalling output O4, Electro-magnet activation input I4 or IE1 and IE2
3	Two safety inputs IS1 IS2, two safety outputs OS1 OS2, Inserted actuator signalling output O3, Locked actuator signalling output O4, Electro-magnet activation input I4 or IE1 and IE2
4	Two safety inputs IS1 IS2, two safety outputs OS1 OS2, Inserted actuator signalling output O3, Locked actuator signalling output O4, Electro-magnet activation input I4 or IE1 and IE2, Actuator programming input I3
5	Two safety inputs IS1 IS2, two safety outputs OS1 OS2, Inserted actuator signalling output O3, Locked actuator signalling output O4, Electro-magnet activation input I4 or IE1 and IE2, Actuator programming input I3, EDM feedback input I5
6	Two safety inputs IS1 IS2, two safety outputs OS1 OS2, Inserted actuator signalling output O3, device fault signalling output O4, Electro-magnet activation input I4 or IE1 and IE2, Actuator programming input I3
7	Two safety inputs IS1 IS2, two safety outputs OS1 OS2, Inserted actuator signalling output O3 (active low), device fault signalling output O4 (active low), Electro-magnet activation input I4 or IE1 and IE2, Actuator programming input I3



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## d Safety outputs activation mode

- 1 Mode 1: Activation of OS1 and OS2 with actuator inserted and locked (guard locked)
- 2 Mode 2: Activation of OS1 and OS2 with actuator inserted (guard closed)
- 3 Mode 3: Activation of OS1 output with actuator inserted and locked (guard is closed and locked) and IS1 is active. Activation of OS2 output with actuator inserted (guard is closed only) and IS2 active. Mode 3 only: SIL 2, Cat. 2 / PL d

## gggggg Preinstalled connectors (Non Safety)

An additional alphanumeric code could be added to product code for customer's e.g.: M12B8: M12 connector on bottom, 8-pins

## bbbbbb Functioning mode

- |       |                                 |
|-------|---------------------------------|
| SLM24 | Power to unlock (Spring Locked) |
| MLM24 | Power to lock (Magnet Locked)   |

## aaaa Actuator head

- |       |   |
|-------|---|
| Blank | Standard head   |
| KY    | key operated auxiliary switch head                                    |
| KYPB  | key operated auxiliary switch and anti-panic release push button head |
| PB    | anti-panic release push button head                                   |

## eee Actuator

- |       |  |
|-------|--|
| Blank | provided without actuator  |
| SCA   | provided with AC-L300-SCA, actuator with low coding level (standard code actuator) |
| UCA   | provided with AC-L300-UCA, actuator with high coding level (unique code actuator)  |

## hhhhhh additional alphanumeric code (Non Safety)

An additional alphanumeric code could be added to product code for customer's non-electrical variations (e.g. color, gold plated contacts, special labelling, special packaging, release button length).