



Product Service

CERTIFICATE

No. Z10 040393 0031 Rev. 03

Holder of Certificate: **Euchner GmbH + Co. KG**

Kohlhammerstr. 16
70771 Leinfelden-Echterdingen
GERMANY

Certification Mark:



Product: **Safety components
proximity devices (PDDDB)**

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, Certification, Validation and Verification Regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: EL105855C

Valid until: 2030-11-12

Date, 2025-11-19

(Günter Greil)

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Parameters:

Operating Temperature: -25°C ... +55°C
Operating Voltage: 24 VDC ± 15%
Degree of Protection: IP69/IP69K

**Tested
according to:**

EN 61508-1:2010 (SIL 3)
EN 61508-2:2010 (SIL 3)
EN 61508-3:2010 (SIL 3)
EN IEC 62061:2021 (maximum SIL 3)
EN ISO 13849-1:2023 (Cat. 4, PL e)
EN 60947-5-3:2013
EN ISO 14119:2025 (Type 4 High level coded)

Model(s):

CES-I-Series

For nomenclature see next page



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Nomenclature of Sensor CES-I

CES-I-vv-x-C07-yy-zzzzzz

with:

vv	Device Variant	
	BR	Series switching device
	BP	Stand alone device
x	Coding	
	M	Multicode
	U	Unicode
	F	Fixcode
	CC-FLX	Configurable FlexFunction
yy	Details	
	SA	with M12 connector, 8 pins (BR and BP)
	SB	with M12 connector, 5 pins (BP)
	SI	with M12 connector, 5 pins, pin 5 unused (BP)
zzzzzz	ID (identnumber)	
	6 digits	



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Nomenclature of Actuator for switches with Coding Multicode, Unicode, Fixcode

CES-A-BTN-C07-zzzzzzz

with:

zzzzzzz	ID (identnumber)
	6 digits

Nomenclature of Actuator for switches with Coding SmartConcept

A-FLX-C07-bb-Vcc-zzzzzzz

with:

bb	Function code
	04 Coding FlexFunction

cc	Packaging unit
	2 digits Number of actuators in package

zzzzzzz	ID (identnumber)
	6 digits



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Nomenclature of Actuator for switches

A-aaa-Cbb-Vcc-zzzzzz

with:

aaa	(optional) SmartConcept	
	FLX	Coding FlexFunction
bb	Actuator shape	
	07	40 x 26,5 x 18 mm
	11	30 x 8 x 6 mm
cc	Packaging unit	
	2 digits	Number of actuators in package
zzzzzz	ID (identnumber)	
	6 digits	